

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

F-L Energy Corporation

3. ADDRESS OF OPERATOR

2020 East 3300 South #23 Salt Lake City, Utah 84109

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

520' FSL 800' FEL

At proposed prod. zone
SE $\frac{1}{4}$ - SE $\frac{1}{4}$ Section 27

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7 miles NW of Huntington

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 660 Feet

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

2,500 feet

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)

6,850 feet

22. APPROX. DATE WORK WILL START*

December 20, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|------------------------------|
| 8 3/4" | 7 5/8' | 20lb. | 100' | Cement circulated to surface |
| 6 3/4" | 4.5 | 9.5 lb | 2,500' | 250 Sacks |

It is proposed to fully test and Evaluate the Ferron Formation by drilling through the Ferron and approximately 100 feet into the Tununk Shale. Air will be used as the circulating media. No coring or drill-stem testing is planned. The logs will be a gamma ray-Caliper, Compensated neutron-Density and V.D.L. log. All Federal and State Regulations will be fully adhered to.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 11/7/82

BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

TITLE President

DATE 12-21-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

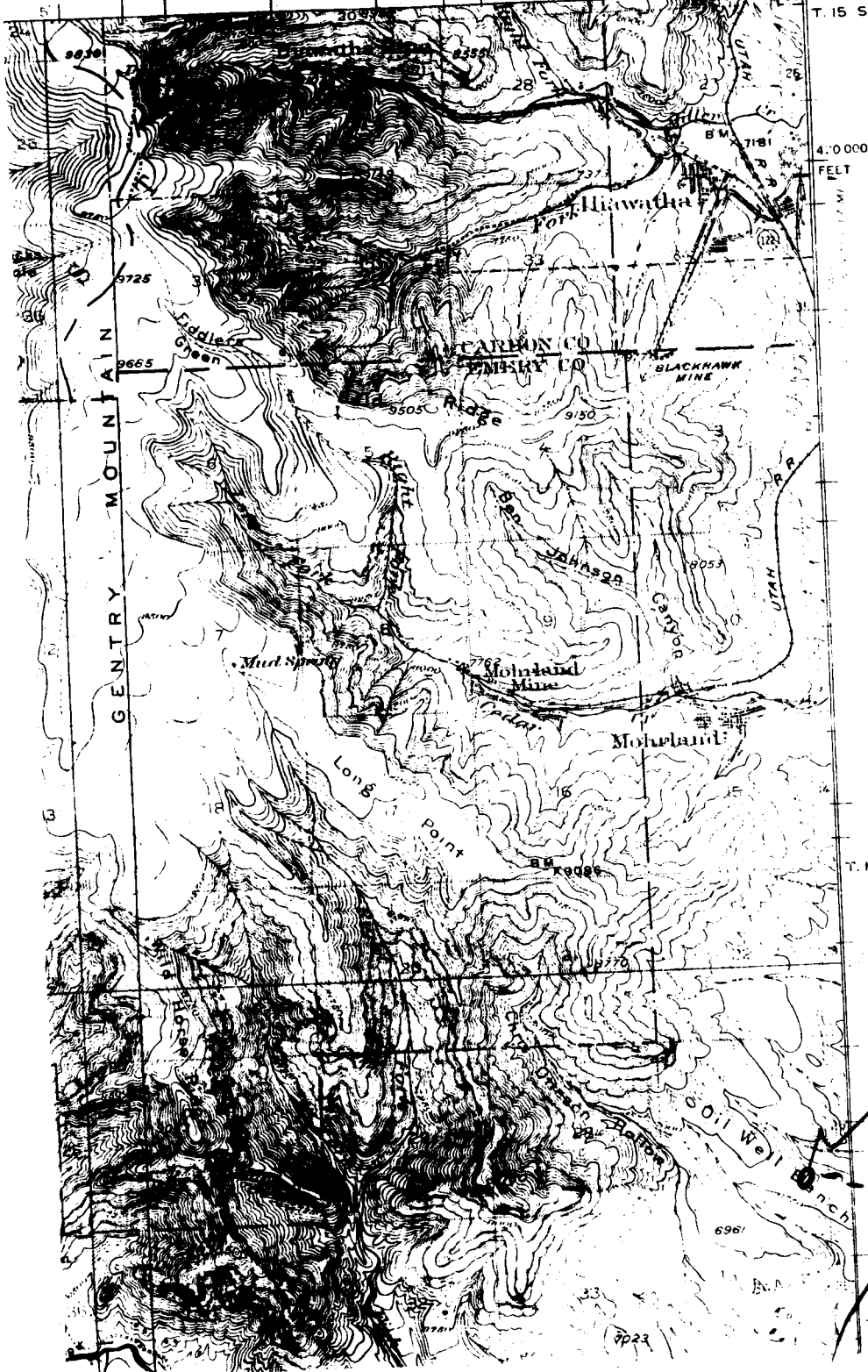
DATE

CONDITIONS OF APPROVAL, IF ANY:

UTAH
HIAWATHA QUADRANGLE

R. 8 E 140 000 FEET

(Castle Gate)




Prepared well
1-27
Existing
Road

F-1 Energy

Location Plat Existing Wells

Township 16 So, Range 8 E, County Emery, State Utah

Island Township Plat

| | | | | | | | |
|----|----|----|----|----|--|----|----|
| 36 | 31 | 32 | 33 | 34 | 35 | 36 | 31 |
| 1 | 6 | 5 | 4 | 3 | 2 | 1 | 6 |
| 12 | 7 | 8 | 9 | 10 | 11 | 12 | 7 |
| 13 | 18 | 17 | 16 | 15 | 14 | 13 | 18 |
| 24 | 19 | 20 | 21 | 22 | 23 | 24 | 19 |
| 25 | 30 | 29 | 28 | 27 | <i>Proposed location</i>  | | 25 |
| 36 | 31 | 32 | 33 | 34 | 35 | 36 | 31 |
| 1 | 6 | 5 | 4 | 3 | 2 | 1 | 6 |

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At surface

SE $\frac{1}{4}$ - SE $\frac{1}{4}$ Section 27

At proposed prod. zone

Same as above

460 FSL + 800 FE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7 miles NW of Huntington

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24.

SIGNED

TITLE President

DATE 12-21-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

FOR E. W. GUYNN

AUG 4 1982

APPROVED BY

TITLE DISTRICT OIL & GAS SUPERVISOR

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

2 State O & G

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

| Criteria 516 DM 2.3.A | Federal/State Agency | | | Local and private corre- spondence (date) | Previous NEPA | Other studies and reports | Staff expertise | Onsite inspection (date) | Other |
|--|-------------------------------|--------------------------|-------------------|---|------------------|------------------------------------|--------------------|--------------------------------|-------|
| | Corre- spondence (date) | Phone check (date) | Meeting (date) | | | | | | |
| 1. Public health and safety | 1 (4-28-82) ↓ | | | | | | 6 | 6 (4-22-82) ↓ | 4, 8 |
| 2. Unique charac- teristics | 1 | | | | | | 6 | 6 | 4, 8 |
| 3. Environmentally controversial | 1 | | | | | | 6 | 6 | 4, 8 |
| 4. Uncertain and unknown risks | 1 | | | | | | 6 | 6 | 4, 8 |
| 5. Establishes precedents | | | | | | | 6 | 6 | 4 |
| 6. Cumulatively significant | | | | | | | 6 | 6 | 4 |
| 7. National Register historic places | 1 | | | | | | | | |
| 8. Endangered/ threatened species | 1 | | | | | | | | |
| 9. Violate Federal, State, local, tribal law | 1 | | | | | | | 6 | 4, 8 |

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS



F.L. ENERGY
#1-27

↑
S

RECOMMENDED STIPULATIONS

1. THE LOCATION WILL BE MOVED 60 FEET SOUTH TO 460' FSL AND 800' FEL TO AVOID CONSTRUCTION NEAR THE NORTH RIM OF THE PLATEAU THE SITE IS SITUATED ON
2. A 30 FEET WIDE BUFFER ZONE OF UNDISTURBED VEGETATION MUST REMAIN BETWEEN THE NORTH AND SOUTH EDGES OF THE PLATEAU AND EDGES OF THE PAD. PAD CONSTRUCTION SHOULD CONFORM TO TOPOGRAPHY. INCREASED PAD LENGTH WILL BE ALLOWED IF NECESSARY FOR SAFETY OF OPERATIONS.
3. THE RESERVE/BLOOE PIT SHALL BE CONSTRUCTED NEAR THE NORTHEAST CORNER OF THE PAD AND WILL NOT BE LINED UNLESS SUBSURFACE CONDITIONS ENCOUNTERED DURING CONSTRUCTION INDICATE THAT LINING IS NECESSARY FOR FLUID RETENTION.
4. THE BLOOE LINE SHALL BE AT LEAST 125 FEET LONG UNLESS TOPOGRAPHIC CONDITIONS DO NOT PERMIT SUCH LENGTH. THE LINE MUST ALSO BE DIRECTED INTO THE BLOOE PIT.
5. TOPSOIL WILL BE STOCKPILED UPGRADE TO THE WEST OF THE PAD

6. THE TWO SMALL EAST-WEST TRENDING DRAINAGES THAT FLOW THROUGH THE DRILL SITE THAT WILL BE FILLED IN BY CONSTRUCTION MUST BE REPLACED DURING RESTORATION OPERATIONS
7. USE OF WATER FROM SOURCES SUCH AS WELLS, SPRINGS, STREAMS OR STOCKPONDS FOR ACTIVITIES ASSOCIATED WITH THIS WELL WILL BE APPROVED OR AUTHORIZED, PRIOR TO USE, BY THE AGENCY OR INDIVIDUAL HOLDING THE WATER RIGHT.
8. USE, MAINTENANCE AND/OR UPGRADING OF EMERY COUNTY ROADS OR ROADS ACROSS STATE OR PRIVATE LANDS WILL BE COORDINATED WITH APPROPRIATE AGENCIES OR INDIVIDUALS. IT IS RECOMMENDED THAT BYPASSES BE USED ON THE TWO BRIDGES ALONG THE COUNTY ROAD TO AVOID STRUCTURAL FAILURE DUE TO HEAVY LOADS.
9. SEE BLM STIPULATIONS

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator F.L. ENERGY
Project Type OIL OR GAS WELL
Project Location 460' FSL, 800' FEL, SE 1/4 SE 1/4, Sec 27 T16S, R8E
Well No. 1-27 Lease No. U-17416
Date Project Submitted 12/21/81

FIELD INSPECTIONDate 4/22/82Field Inspection
Participants

| | |
|------------------------|------------------------|
| <u>GEORGE DIWACHAK</u> | <u>MMS</u> |
| <u>MERV MILES</u> | <u>BLM</u> |
| <u>PAUL PULLMAN</u> | <u>F.L. ENERGY</u> |
| <u>GARY KNIGHT</u> | <u>BUCK'S DRILLING</u> |
| <u>LOUIS WILCOX</u> | <u>WILCOX CONST.</u> |

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

5/3/82

Date Prepared

George J. Diwachak
Environmental Scientist

I concur

MAY 03 1982

Date

W. P. Martin FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
San Rafael Resource Area
P. O. Drawer AB
Price, Utah 84501

LANDS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

APR 30 1982

SALT LAKE CITY, UTAH

IN REPLY REFER TO

3100
U-20611
U-17416
(U-067)

April 28, 1982

Memorandum

To: Mineral Management Service, District Engineer, SLC, Utah

from: Area Manager, San Rafael

Subject: Additional Surface Management Requirements for APD's
F-L Energy Corp.,
Well No. 1-3, T. 17 S., R. 8 E., Sec. 3,
Well No. 1-27, T. 17 S., R. 8 E., Section 27

Following the onsite inspection held April 22, we would like to have the following stipulations made part of the approved permit to drill.

1. The BLM, San Rafael Resource Area will be notified 48 hours before beginning any construction (phone 801-637-4584; 748-2249 after hours).
2. Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS/USFS oil and gas brochure entitled "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of topsoil, rehabilitation, etc.
3. Topsoil to a depth of 3 inches (approximately 2,000 cu. yds.) shall be stockpiled. When drilling is completed, land will be returned to original contour before topsoil is respread.
4. Seeding shall take place from October 1 to May 1. Seeding shall be by drilling and harrowing and shall be repeated until vegetation is successfully established unless otherwise approved in writing by the Authorized Officer. The following seed mixture shall be used:

| <u>Grass</u> | <u>Rate</u> |
|--------------------|----------------|
| Crested wheatgrass | 3 lbs per acre |
| Alkali socation | 3 lbs per acre |
| Nomad alfalfa | 3 lbs per acre |
| Fourwing salt bush | 2 lbs per acre |

5. Road shall be a single land road not to exceed 20 feet (disturbed area) with 16 feet travel surface. During this drilling operation, operator will not block or hinder travel on the county road.
6. All vehicle travel will be confined to existing roads. Off road travel is prohibited.
7. Trash will be contained in a wire cage or drum and hauled to an approved dump site.

8. A chemical toilet shall be provided at the drill site. Pit toilets will not be allowed.
9. The Holder shall follow accepted engineering practices in constructing roads and avoid excessive scarring or removal of vegetation.
10. Drainages shall not be plugged by roadbeds. Drainage crossings shall be constructed so as not to cause siltation or accumulation of debris. Where siltation or accumulation of debris occurs, the drainage crossing shall be reworked or re-located.
11. Broad-based drainage dips shall be constructed on long, steep road grades. Dips may be installed after temporary roadbeds have been constructed or during construction of permanent roads.
12. Low water crossings shall be used in temporary roads where road locations are more than one-half mile below the head of a drainage.
13. Access roads to well site shall be rehabilitated as shown in the Surface Use Standards and as required by the surface management agency's Authorized Officer.
14. If the road becomes a permanent road, the following will apply:
 - a. All permanent roads shall be constructed and maintained in good condition for vehicles. Roadway grades and widths for permanent roads must be approved.
 - b. Only one permanent road will be allowed to serve the lease area with one permanent road to each well.

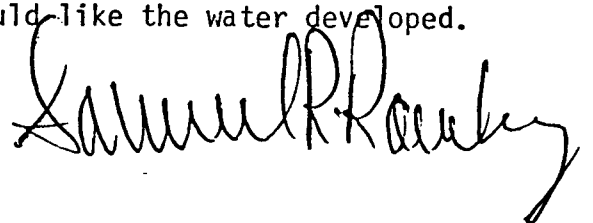
An archaeological evaluation was done by K. K. Pelli Cultural Resource Management for F-L Energy Corp. We have not received the report as yet but the archaeologist verbally advised us that no cultural resources were observed or recorded in the field and no National Register status sites were observed or recorded in the field and no National Register status sites will be affected by the drilling program. The cultural clearance is granted with the following stipulations:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
2. Should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area, the BLM will be notified immediately.

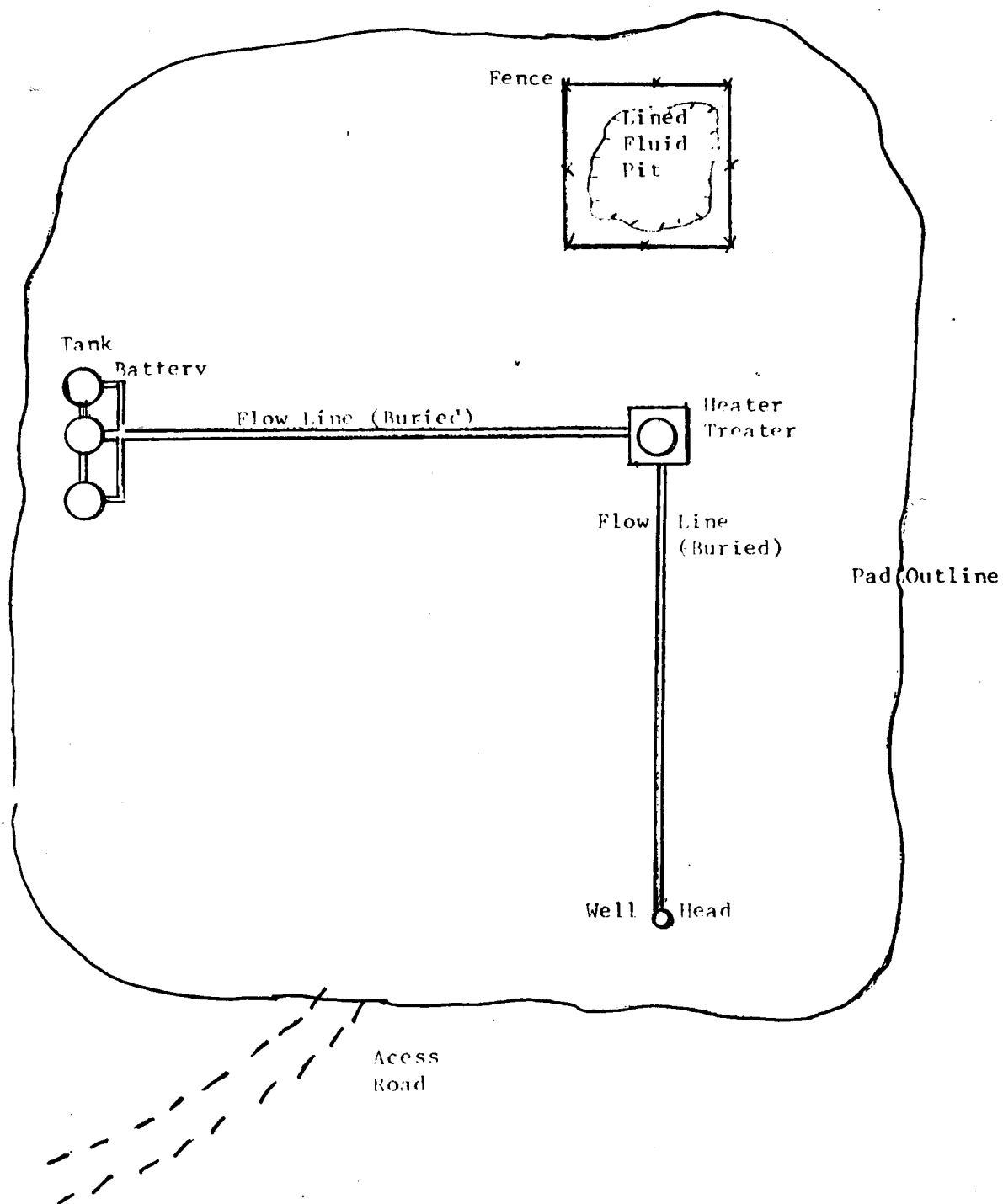
No threatened or endangered plant or animal species are known to inhabit the area.

No Public Land near the proposed drilling area is subject to the Wilderness Interim Management guidelines.

If the well is a dry hole but water is found, we would like to be advised of the depth the water is found and determine if we would like the water developed.

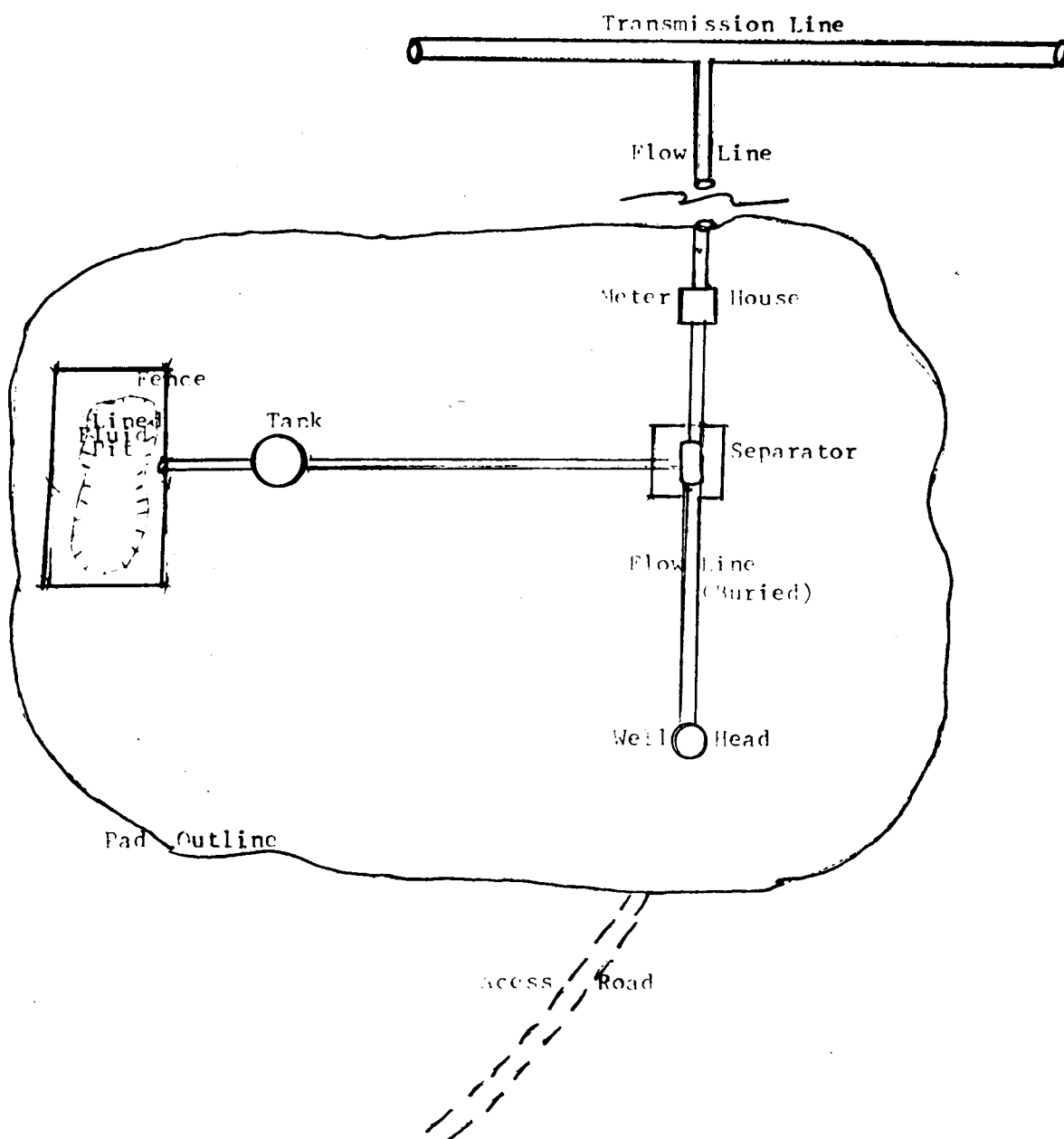


F-L ENERGY COMPANY
Production Facilities
Oil



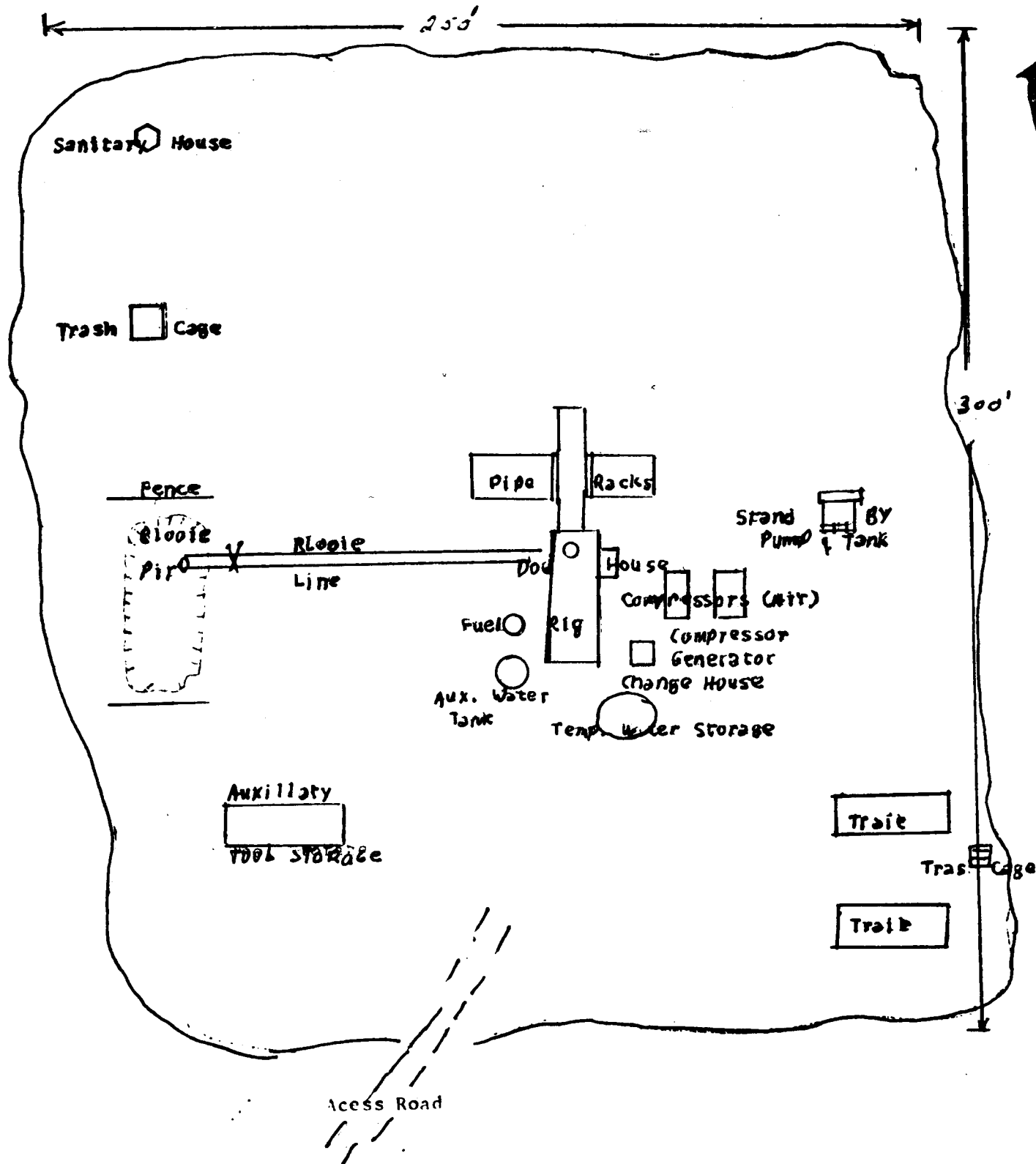
Approx. Scale: 1" = 50'

Production Facilities
Gas



Approximate Scale: 1" = 50'

Drilling Rig Layout



Scale 1" = 50'
(approximate)

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

1. EXISTING ROADS -- for the location of the proposed well and the existing roads, see the attached topographic map.
 - A. The proposed well is located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 27, T16S R8E, SLBM, Emery County, Utah.
 - B. The proposed well is approximately 7 miles Northwest of Huntington, Utah, along State Highway 31, .. A request will be made of the Utah Department of Transportation for an access way off the State Highway.
 - C. The proposed route is color coded in blue on the topographic map, from Huntington, Utah, to the well site.
 - D. Not applicable.
 - E. This is a proposed development location, and the only existing road within a 1-mile radius of the well site is State Highway .
 - F. There are no plans for the improvement or maintenance of the existing road (Utah State Highway) other than the normal maintenance of the road as provided by the Utah Department of Transportation.

2. PLANNED ACCESS ROADS

A planned access road will originate on Utah State Highway 31, and will proceed NW for a distance of $4\frac{1}{2}$ mile. The access road will originate on Mancos Shale, and will be very lightly graded during the drilling of this well. If the well is productive, the road will be contoured, sloped, and ditched. If, in the event a dry hole occurs, water bars will be made and the road restored to, as closely as possible, original conditions.

- (1) The width of the proposed access road will be 16 feet.
- (2) The grade of this access road will vary from flat to 8%, and will not exceed this amount. The road will be constructed from native borrow accumulated during construction.
- (3) No turnouts are planned for this access road at this time, since none should be necessary.
- (4) No drainage design is required for the planned access road in this developmental stage of the project.
- (5) No culverts are planned in this development stage. No major cuts or fills are necessary for building the proposed access road.
- (6) The surfacing material shall be the native borrow material. No other material for construction is anticipated.

2. PLANNED ACCESS ROADS, cont.

- (7) No gates, cattleguards, or fence cuts are necessary in the building of this access road.
- (8) The road is presently not flagged, and not paved.

3. LOCATION OF EXISTING WELLS

The well location plat for Emery County indicates the existing wells in the immediate area of the proposed well site. The indicated wells are believed to be no longer productive. There are no other known wells, either productive, abandoned, or dry, than is shown on the attached plat.

- (1) Water wells -- None
- (2) Abandoned wells -- None
- (3) Temporarily abandoned wells -- None
- (4) Disposal wells -- None
- (5) Drilling wells -- None
- (6) Producing wells -- None
- (7) Shut-in wells -- None
- (8) Injection wells -- None
- (9) Monitoring or observation wells for other resources -- None

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

A. There are no existing production facilities located within one mile of the proposed well, which are owned or controlled by the lessee/operator.

- (1) Tank batteries -- None
- (2) Production facilities -- None
- (3) Oil gathering lines -- None
- (4) Gas gathering lines -- None
- (5) Injection lines -- None
- (6) Disposal lines -- None

B. There are two diagrams attached. One indicates the location of production equipment in the event the well is oil productive. The second diagram indicates the production equipment for a gas well. All lines will be coated and wrapped and buried. The land usage

4. LOCATION OF EXISTING AND PROPOSED FACILITIES, cont.

for this equipment will be held to an absolute minimum.

- (1) See Drilling Rig Layout for the pad layout.
- (2) See Drilling Rig Layout for the dimensions of the facility.
- (3) Construction materials will be native borrow or cut exposed on the site.
- (4) Fences at the pits, wellhead, etc., will be constructed as protective measures and devices to protect livestock and wildlife.

C. After operations cease, and provided surface disturbances have occurred, the surface will be leveled and sloped to pre-existing conditions. Recommendations for reseeding will be taken from BLM guidelines.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. The water usage at this well site will be very minimal. The water required will be obtained from farmers , from the water rights of one of the ranches in the immediate area. There are no present plans for using saline water except for a 3% KCl solution that will be used during completion operations.
- B. The water will be transported from Huntington by truck on existing roads, and the planned access road. No pipeline is needed.
- C. No water well will be drilled on the site.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction. No additional road gravel or pit lining materials are anticipated at this time. The loose weathered shale shall be pushed aside and saved. Redistribution of this material shall occur on the drilling site immediately following cessation of completion operations. Reuse of this weathered shale shall be done as requested by the jurisdictional BLM office.
- B. Items described in 6A. above are from Federal lands or private surface.
- C. The materials are to be obtained and used as described in 6A. above. If any other materials are needed, the appropriate actions will be taken to acquire them from private sources after notification has been given to the proper regulatory agencies.
- D. No other access roads are required other than described in Section 2 above.

7. METHODS FOR HANDLING WASTE DISPOSAL

- (1) Cuttings -- A small reserve pit (20' x 75') will be used as a blooie line collection pit, and will be used for cuttings.
- (2) Drilling fluids -- A small reserve pit will be used to contain and dispose of drilling fluids.
- (3) Produced fluids (oil, water) -- The reserve pit will also be used to contain and dispose of any produced fluids, and any excess water that might be used.
- (4) Sewage -- A sanitary hole will be constructed on the site to contain and dispose of any sewage.
- (5) Garbage and other waste material -- Covered trash cages will be constructed, and all trash collected will be picked up and hauled away.
- (6) The reserve pit will be folded in and recontoured as soon as possible following the completion of operations. The sanitary hole will also be treated in this manner. Both areas will be reseeded. The covered trash cages will be removed.

8. ANCILLARY FACILITIES

One motor home (self-contained) and one dog house will be used on location. No additional ground or facilities will be used for this equipment. There are no plans for an airstrip. For emergency facilities, Carbon County Airport will be used.

9. WELL SITE LAYOUT

The plan for the layout of the drilling equipment is indicated in the schematic Diagram for the Drilling Rig Layout. There may be slight additions or deletions that may occur if the drilling contractor decides to add or delete from the anticipated facilities. The plat indicates the following:

- (1) Cross sections of the pad, showing details of the cuts and fills. As this location is relatively flat, a minimum amount of cut and fill will be needed.
- (2) Location of the mud tanks, reserve, burn and trash cages, pipe racks, living facilities, and soil material stockpiles.
- (3) Rig orientation, parking areas, and access roads.
- (4) All pits in the development stage of the project will be unlined. As indicated in the separate production facilities plats for gas or oil, the fluid pits would be lined.

10. PLANS FOR RESTORATION OF SURFACE

- (1) After drilling operations have been concluded and equipment removed, the well site areas will be cleaned, leveled, reseeded, and restored to blend with the surrounding topography. The pits will be covered, and all trash will be removed.
- (2) Reseeding will be done at the direction of the BLM. The F-L Energy Company has on record a \$25,000.00 Statewide Federal Bond.
- (3) All pits will be fenced prior to disposal of any waste material, and the open side of the reserve pit will be fenced before removing the rig from the location. The fences will be maintained in good condition until the restoration of the surface has commenced.
- (4) Any oil or condensate on any temporary pit will be removed in a timely manner. Overhead flagging or netting will be installed on any sump pit used to handle well fluids during the producing life of the well.
- (5) Restoration activities shall begin within 90 days after the completion of the well. Once restoration activities have begun, they shall be completed within 60 days.

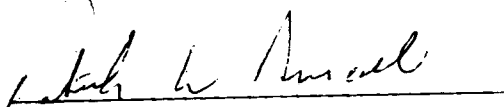
11. OTHER INFORMATION

- (1) Land description: The area is fairly flat, but is also in near proximity to several rolling hills to the south. The Wasatch Plateau is to the west, and the San Rafael Swell lies to the east.
- (2) There are no other surface-use activities and surface ownership of the involved lands.
- (3) There are no water, occupied dwellings, archeological, historical, or cultural sites in the proximity of the well site. The only structure of interest within 3 miles of the site is Utah State Highway 10.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

The F-L Energy Company is the designated Operator of the lease. The Operator's supervisor will be:

Mr. Patrick L. Driscoll, P. E.
1933 East Tartan Avenue
Salt Lake City, Utah 84108
(801) 582-7247



Field Representative

13. CERTIFICATION

I hereby certify that I or persons under my direct supervision, have inspected the proposed drill-site and proposed access road; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by the F-L Energy Company and its contractors and subcontractors in conformity with this plan the terms and conditions under which it is approved.

12-21-81

Date

A handwritten signature in dark ink, appearing to read "Paul Pullman", is written over a horizontal line.

Paul Pullman
President
F-L Energy Company

- 1- The surface material is Weathered Mancos Shale mixed with fine-grained aeolian silt-stone. Some of the cliff exposures include the Upper Ferron Sandstone.
- 2- The estimated tops of important and recognizable geologic markers are:

| | |
|--------------|------------|
| Mancos Shale | Surface |
| Lower Ferron | 1,000 feet |
| Tununk Shale | 1,400 feet |
- 3- The estimated depth at which important water, oil and gas is expected to be encountered are:

| | | |
|-------------------|------------|----------------|
| Lower Ferron Sand | 1,000 feet | Gas and/or Oil |
|-------------------|------------|----------------|

There are no water sands expected to be encountered while drilling this well.
- 4- The casing program as previously indicated will consist of 100 feet of 7 5/8 inch, 20 lb/ft surface casing and 2,500 feet of 4 1/2", 9.5 lb/ft production casing. The surface casing will be set and cement will be circulated to surface. The 4 1/2" production casing will be cemented with 250 sacks of cement. This is a calculated 25% excess amount of cement necessary to cement the entire string to surface.
- 5- The schematic diagram of the B.O.P. is attached. The 3,000 psig working configuration will be used. Also, dependent upon the height from ground level to the return flow, a hydril or equivalent type of B.O.P. will be utilized as the top piece of the B.O.P stack.
- 6- It is planned to drill this well using air as the circulating medium. The only water anticipated to be used will be that employed in cementing the casing.
- 7- The auxilliary equipment to be used will be that applicable to prudent air drilling practices. The blooie line will be terminated at a minimum distance of 150 feet from the rig. A relatively small blooie pit will be utilized.
- 8- It is planned to utilize open-hole logs in this well. They will consist of a gamma ray, compensated neutron formation density log, as well as a compensated sonic log and fracture detection log.
- 9- It is not anticipated that H₂S, abnormal pressures or high temperatures will be encountered in drilling this well.
- 10- It is expected to commence operations immediately upon permit approval. The estimated time to drill this well will be five (5) days.

WELL CONTROL EQUIPMENT

1. Surface Casing

- A. Hole size for the surface casing will be 10 3/4 inches.
- B. Setting depth for the surface casing will be approximately 100 feet.
- C. Casing specifications are 7 5/8 inches o.d; H-40, 20 lb/ft 8rd thread, Condition "A".
- D. Anticipated pressure at setting depth is approximately 40 psig.
- E. Casing will be run and cement will continue to be mixed until returns are evident at surface.
- F. Top of the surface casing will be at ground level.

2. Casing Head

- A. The flange size will be 6" series 300 new equipped with 2 inch ports with nipples and 2" 1,000 lb. working pressure valves. Casing head and valves will be set above ground.

3. Intermediate Casing

- A. None

4. Blowout Preventers

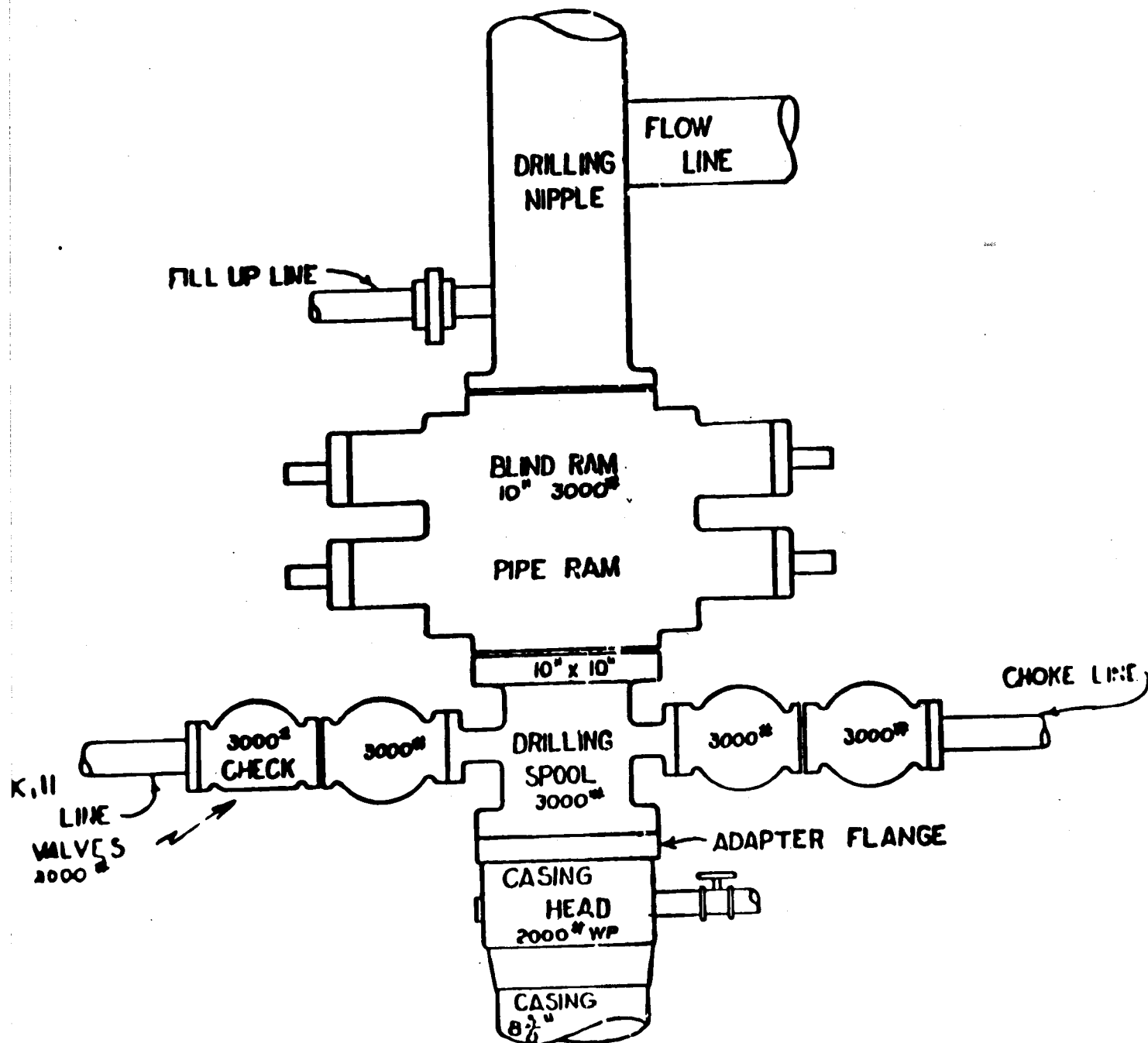
- A. Double Ram, hydraulically operated, one set of pipe ram for 2 7/8" drill pipe, and one set of blind rams. They will be equipped with a mechanical closing device for back-up service. A Hydril or similiar type is planned to be used as the top piece of the B.O.P. stack.

5. Auxilliary Equipment

- A. All that is standard for safe and prudent air drillind operations.

6. Anticipated Pressures

- A. The anticipated pressure that is expected to be encountered will be approximately 350 psig.



F-L Energy Corp.
BLOWOUT PREVENTER DIAGRAM

**** FILE NOTATIONS ****

DATE: 1-6-82

OPERATOR: J-L Energy Corp.

WELL NO: Ante Fe #1-27

Location: Sec. 27 T. 16S R. 8E County: Emery

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-015-30095

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per rule C-3

Administrative Aide: OK as per rule C-3

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

January 11, 1982

F-L Energy Corporation
2020 East ~~1000~~ South
Salt Lake City, Utah 84109

RE: Well No. Sante Fe Federal #1-27
Sec. 27, T. 26S, R. 8E
Emery County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immedeately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-3001⁹⁵5.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/as
Encl.
cc: USGS

January 13, 1982

F-L Energy Corporation
2020 East 3300 South
Salt Lake City, Utah 84109

RE: Well No. Santa Fe Federal #1-27
Sec. 27, T. 16S, R. 8E
Emery County, Utah

CORRECTED COPY

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30095.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/as
Encl.
cc: BSGS

NOTICE OF SPUD

Company: F-L Energy Corporation

Caller: Paul Pullman

Phone: 364-1063

Well Number: 1-27

Location: SESE 27-16S-8E

County: Emery State: Utah

Lease Number: U-17416

Lease Expiration Date: suspended - until spud

Unit Name (If Applicable): _____

Date & Time Spudded: 8-7-82 A.M.

Dry Hole Spudder Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 8 1/2" hole

7" Csg.

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: AR

Date: 8-10-82 - Called 8-6-82
to notify that
they were going
to spud -

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR

F L Energy

3. ADDRESS OF OPERATOR

2020 E 3300 So. Suite 23 SLC, Ut 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 27

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Operation Report

5. LEASE

U-17416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Santa Fe Federal

9. WELL NO.

1-27

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 27 T16S R8E SLM

12. COUNTY OR PARISH

Emery

13. STATE

Utah

14. API NO.

43-15-30095

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6850 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Completing

Subsurface Safety Valve; Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary DATE 9-2-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR
F L Energy

3. ADDRESS OF OPERATOR
2020 E 3300 So. Suite 23 SLC, Ut 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 27
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: |
|--------------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input type="checkbox"/> |
| (other) Operation Report | | |

5. LEASE
U-17416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Santa Fe Federal

9. WELL NO.
1-27

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 27 T16S R8E SLM

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. API NO.
43-15-30095

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6850 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Testing

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Lynn Cano TITLE Secretary DATE 10-5-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR

F L Energy

3. ADDRESS OF OPERATOR

2020 E 3300 So. Suite 23 SLC, Ut 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 27

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Operation Report ☐

5. LEASE

U-17416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Santa Fe Federal

9. WELL NO.

1-27

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 27 T16S R8E SLM

12. COUNTY OR PARISH

Emery

13. STATE

Utah

14. API NO.

43-15-30095
15. ELEVATIONS (SHOW DF, KDB, AND WD)

6850 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Testing

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary DATE 11-9-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
F L Energy
3. ADDRESS OF OPERATOR
2020 E 3300 So. Suite 23 SLC, Ut 84109
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 27
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
|--------------------------|--------------------------|-----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) Operation Report | | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Testing

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary DATE 12-6-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE
U-17416
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Santa Fe Federal
9. WELL NO.
1-27
10. FIELD OR WILDCAT NAME
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 27 T16S R8E SLM
12. COUNTY OR PARISH
Emery
13. STATE
Utah
14. API NO.
43-15-30095
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6850 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-80 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-17416
Communitization Agreement No. _____
Field Name Huntington Dome
Unit Name _____
Participating Area _____
County Emery State Utah
Operator F-L
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Dec, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting on swabbing unit to clean out Frac Fluid |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|--------------------------------------|---|--------------------|--------------------|
| *On hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | -0- | -0- | -0- |
| *Sold | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Injected | -0- | -0- | -0- |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | -0- |
| *Other (Identify) | -0- | -0- | -0- |
| *On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| Authorized Signature: <u>L. Kano</u> | Address: <u>Suite 23, 2020 E 3300 S SLC 84109</u> | | |
| Title: <u>Corp. Secretary</u> | Page <u>1</u> | | <u>1</u> |

Santa Fe Federal #1-27
SE $\frac{1}{4}$ /SE $\frac{1}{4}$ Sec. 27-16S-8E
Emery County, UT
Castle Valley Area
PTD 2500 - Ferron
Elevation: 6850' GL
Bucks Drilling Rig
SPUD: 8-7-82
SFE NRI 6.25% ORRI BPO
35% APO
WI 0% BPO
40% APO

SPUD: 8-7-82 AM. Set 7 $\frac{1}{8}$ " csg @ 150'. WO
cmt. WO bigger rig.

8-19-82: Drlg @ 1100'. (1100'). Compressor
went out. Making reprs. WO reprs.

8-20-82: Drlg @ 2000'. (900').

8-21- to 8-23-82: Depth @ 3160'. (1160').
Logging. Set 4-3/8" csg @ 3160'.
WOC.

9-05-82: Perf'd 3106'-3116', & 3126'-3136'.
Ferron zone.

9-10-82: Prepare to fracture. Hard rain in the
area.

9-13-82: Frac'd well Saturday, Sept. 11 at
10 PM. Frac'd w/ over 100,000#
sand w/ 60,000 gals of slick wtr &
N₂. Blowing well to get frac wtr
out in order to stabilize well &
run 4 pt tst.
Drilling & completion details to be
mailed, and logs are in the mail.

9-14-82: Blowing well to stabilize for
preparation of 4 pt. test.

Blowing well to stabilize in preparation
of 4 pt test.

10-4-82: Blew well. Presently SI due to bad
weather & road conditions. Waiting
to run 4 point test.

10-6-82: SI due to weather & road conditions.

10-29-82: Moving swbg unit on loc.

10-30-82

Thru

11-01-82: Swbg. Annulus pressure 770#,
dropped dn to 450#. Got wtr.
Approximately 550 BWLTR.
Have trace of oil & good gas
pressure.

11-02-82: Swbg.

11-19-82: Blowing & cleaning up formation.

11-23-82: Blowing dn.

11-25-82 -

11-29-82: Swabbing. Clean location. Well
starting to blow gas on its own.
Hoping to test in near future.

12-01-82: Blowing dn. Cleaning formation to tst.
SD due to adverse weather conditions.

12-02-82: NO REPORT. Well SD due to adverse
weather conditions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-80 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-17416
Communitization Agreement No. _____
Field Name Huntington Dome
Unit Name _____
Participating Area _____
County Emery State Utah
Operator _____
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting on swabbing unit to clean out Frac Fluid |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|---------------------------|-------------------------|----------------------|----------------------|
| *On, hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *Produced | -0- | -0- | -0- |
| *Sold | -0- | -0- | XXXXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXXXX |
| *Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXXXX |
| *Injected | -0- | -0- | -0- |
| *Surface Pits | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX | -0- |
| *Other (Identify) | -0- | -0- | -0- |
| *On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | -0- | -0- | XXXXXXXXXXXXXXXXXXXX |

Authorized Signature: L. Kano Address: Suite 23, 2020 E 3300 S SLC 84109
Title: Corp. Secretary Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-80 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-17416

Communitization Agreement No. _____

Field Name Huntington Dome

Unit Name _____

Participating Area _____

County Emery State Utah

Operator FL ENERGY

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of APR 7, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting on swabbing unit to clean out Frac Fluid |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|--------------------------|-------------------------|--------------------|--------------------|
| *On hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | -0- | -0- | -0- |
| *Sold | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Injected | -0- | -0- | -0- |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | -0- |
| *Other (Identify) | -0- | -0- | -0- |
| *On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | -0- | -0- | XXXXXXXXXXXXXXXXXX |

Authorized Signature: L. Kano Address: Suite 23, 2020 E 3300 S SLC 84109

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-80 356

MONTHLY REPORT
OF
OPERATIONS

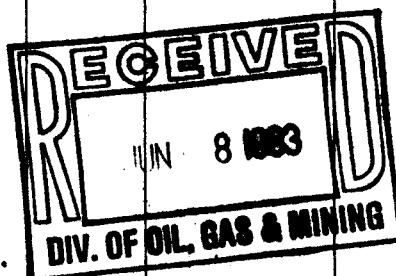
Lease No. U-17416
Communitization Agreement No. _____
Field Name Huntington Dome
Unit Name _____
Participating Area _____
County Emery State Utah
Operator F-L
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of May, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting on swabbing unit to clean out Frac Fluid |



*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|--------------------------|-------------------------|--------------------|--------------------|
| *On hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | -0- | -0- | -0- |
| *Sold | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Injected | -0- | -0- | -0- |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | -0- |
| *Other (Identify) | -0- | -0- | -0- |
| *On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | -0- | -0- | XXXXXXXXXXXXXXXXXX |

Authorized Signature: L. Kano

Address: Suite 23, 2020 E 3300 S SLC 8410

Title: Corp. Secretary

Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-80 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-17416
Communitization Agreement No. _____
Field Name Huntington Dome
Unit Name _____
Participating Area _____
County Emery State Utah
Operator _____
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of JUNE, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting on swabbing unit to clean out Frac Fluid |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|--------------------------------------|---|--------------------|--------------------|
| *On hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | -0- | -0- | -0- |
| *Sold | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Injected | -0- | -0- | -0- |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | -0- |
| *Other (Identify) | -0- | -0- | -0- |
| *On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| Authorized Signature: <u>L. Kano</u> | Address: <u>Suite 23, 2020 E 3300 S SLC 84109</u> | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-80 366

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-17416
Communitization Agreement No. _____
Field Name Huntington Dome
Unit Name _____
Participating Area _____
County Emery State Utah
Operator _____
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of 85, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|---|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting to clean out and test to comply with USGS request |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|--------------------------|-------------------------|--------------------|--------------------|
| *On hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | -0- | -0- | -0- |
| *Sold | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Injected | -0- | -0- | -0- |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | -0- |
| *Other (Identify) | -0- | -0- | -0- |
| *On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | -0- | -0- | XXXXXXXXXXXXXXXXXX |

Authorized Signature: L. Kano  Address: Suite 23, 2020 E 3300 S SLC 84109

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|---|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR F.L. Energy Corp. 3. ADDRESS OF OPERATOR Suite 23, 2020 East 3300 South, Salt Lake City, Utah 84109 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface C SE ₄ SE ₄ Sec. 27 T16S R8E SLBM (660 FSL 660 FEL) 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6850' GL 6860' MB | | 5. LEASE DESIGNATION AND SERIAL NO. U - 17416 6. IF INDIAN, ALLOTTEE OR TRIBE NAME ----- 7. UNIT AGREEMENT NAME ----- 8. FARM OR LEASE NAME Santa Fe--Federal 9. WELL NO. #1-27 10. FIELD AND POOL, OR WILDCAT Huntington Dome 11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T16S R8E SLBM 12. COUNTY OR PARISH 13. STATE Emery Utah |
|---|--|--|

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

| | |
|--|---|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | <input type="checkbox"/> |

SUBSEQUENT REPORT OF:

| | |
|---|--|
| WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| (Other) <input checked="" type="checkbox"/> Report of well-test | <input checked="" type="checkbox"/> |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

(PAGE 3)

on third point. By end of third point, tubing blocked solid. Discontinued testing. Will use valid points for analysis. Checked gas for H₂S----none present in the well, or formation

Test analysis indicates daily deliverability potential at 318 MCFPD with well-drawdown to 125 psig.

8/16/83 Checked well----no change in either tubing and/or annulus. Definitely bridged off again. Future (immediate) plans are to move in completion unit ASAP and remove tubing plug and lay down two or three joint.

TEST WITNESSES

P.L. Driscoll F.L. Energy Corp.
L.M. Driscoll F.L. Energy Corp.
Ron Muir Santa Fe Energy

Mervyn Miles Bureau of Land Mgmt
Gary Knight Bucks Drilling Co.
James Smith Uinta Analytical
 and Research Lab.
 Vector Pet
 Vector Pet

John Adamson
✓ Fred Clausen

18. I hereby certify that the foregoing is true and correct

SIGNED

P.L. Driscoll

TITLE

U.P. Operation

DATE

8/17/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

F - L Energy
Santa Fe Federal #1-27
SE $\frac{1}{4}$ /SE $\frac{1}{4}$ Sec. 27-16S-8E
Emery County, UT
Castle Valley Area
PTD 2500 - Ferron
Elevation: 6850' GL
Bucks Drilling Rig
SPUD: 8-7-82
SFE NRI 6.25% ORRI BPO
34.2% APO
WI 0% BPO
40% APO
4-3/8" @ 3160' (8-22-82) Tunuck
Ferron Perfs 3106'-3116'
3126'-3136'

12-07-82: Blwg well dn in preparation to tst.

01-27-83: NOTE: Still Having Problems Due
To Severe Road Conditions.
Hole Is Also Plugged w/ Parafin.

NO TEST RESULTS.

01-28-83: Waiting for solvent.
No Change.

*Dropped from report in April '83.
Shut well in due to problems getting
to location because of severe road
conditions.

08-03-83: Shut in. Will be cleaning up to
prepare to test.

08-12-83: Test scheduled w/USGS Monday, August
15th @ 1:00 PM. Currently opnd up &
blowing.

08-15-83: Running 4 pt test:
1st point began @ 1 PM on 8th" orifice.
CP 525#, TP 475#, recorder pre: 22#.
Came to end of 1st pt @ 1:30 PM at
which time CP 515#, TP 400#. Then, shut
well in until 1:45 PM when 2nd point
test began on $\frac{1}{2}$ " plate: CP 520#, TP
450#, recorder press 26#. 2nd point
ended @ 2:15 PM at which time CP was
520#, TP 240#, & recorder press 17#.
Shut well in for build-up. At 2:35 PM,
well was still @ 240# TP. Only got
through first 2 points & well got
plugged. Gas Samples: 1:05 PM sp gr
= .915 & up, stabilizing @ .92; At
2:00 PM sp gr = .971 - not really
getting sufficient flows.
Will interpret first 2 points.

08-16-83: Running 4-pt. test. After 2 pts, well
got plugged. Currently interpreting
test.

Attempt to run 4 pt tst. Got through
first 2 points.

08-19-83: Finished transposing the curve
united by the first 2 points to
a well stabilized condition. The
curve in the stabilized position
indicated a deliverability of 265
MCF.

F - L Energy (E)
Santa Fe Federal #1-27
SE4/SE4 Sec. 27-16S-8E
Emery Co., UT
Castle Valley Area
PTD 2500' - Ferron
Elev: 6850' GL
Bucks Drilling Co.
SPUD: 08-07-82
SFE ORRI 6.25% BPO
WI 40% APO
NRI 34.2% APO
4-3/8" @ 3160' (8/22/82)
Ferron Perfs 3106'-16'
3126'-36'

08-15-83: Commenced isochronal test. First two points ran excellently. Began plugging tbg on third point. By end of the third point, tbg blocked solid. Discontinued testing. Will use valid points for analysis. Checked gas for H₂S - none present in the well, or formation. Test analysis indicates daily deliverability potential at 318 MCFPD w/well-drawdown to 125 psig (reported to BLM).

08-16-83: Checked well - no change in either tbg and/or annulus. Definitely bridged off again.

Currently Shut in.

Well Shut In.

DROP FROM REPORT.

42-381 50 SH.ETS 5 SQUARE
42-382 100 SH.ETS 5 SQUARE
42-383 100 SH.ETS 5 SQUARE

SANTA FE - FEDERAL #1-27 C SE4 SE4 SEC. 27 T 16 S R 8 E SLBM

August 15, 1983

T.D. 3189'

Casing Set: 3186'

P.B.T.D. 3165'

Perforations: 3108-3118 4 SPF
3126-3136
3155-3159

CASING: 4½" 10.5 lb/ft K-55

TUBING: 2 3/8" 4.7 lb/ft J-55
set @ 3155' (Open-ended)

PACKER: None

RE. TEMP: 100°F

SURFACE TEMP: 82°F

STIMULATION TREATMENT:

Breakdown Fluid---1512 gallons 15% HCl @ 1900 psig.
Frac. Treatment:--55,000 gallons 'Slick Water'
95,000 pounds of 20-40 Mesh Sand.
662.85 MCF--Nitrogen
Treating Pressure: 2,400 psig
Treating Rate: 18 BPM

TEST DATA

2" Critical Flow Prover

Pt. #1. I.S.I.C.P. 525 psig I.S.T.P. 475 psig. Orifice size: 1/8"
Time: 30 min. F.F.Prover: 20 psig FSICP: 515 psig FSITP: 450 psig

Pt. #2 I.S.I.C.P. 525 psig I.S.I.T.P. 470 psig Orifice size 1/4"
Time: 30 min F.F. Prover 17#psig FSICP 500 psig FSITP: 240 psig

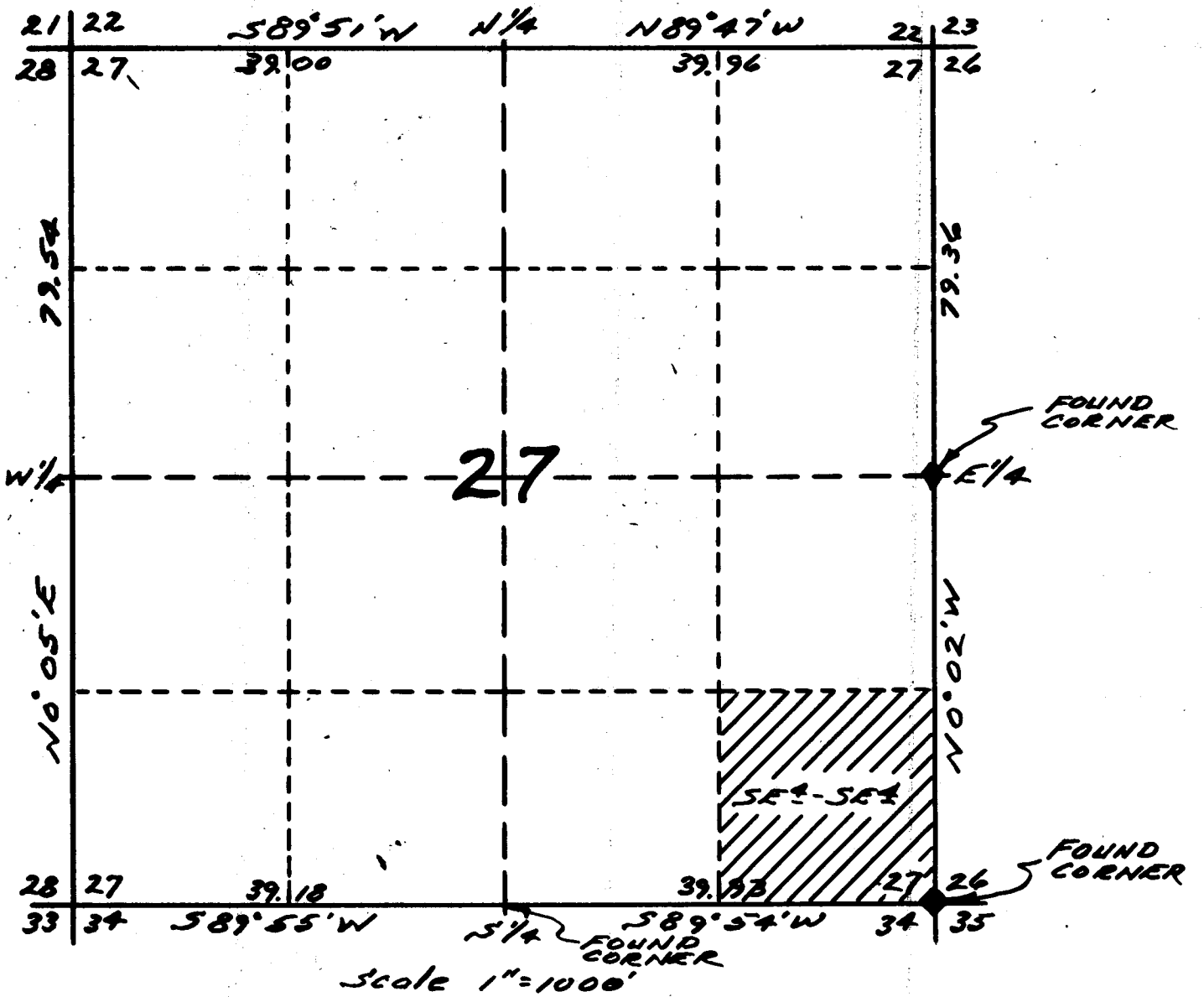
Pt. #3 I.S.I.C.P. 515 psig I.S.I.T.P. 240 psig Orifice size 3/8"
Time: 38 min. 515Psig FSICP FSITP 40 psig Prover 5#

(INVALID POINT-----TUBING PLUGGED)

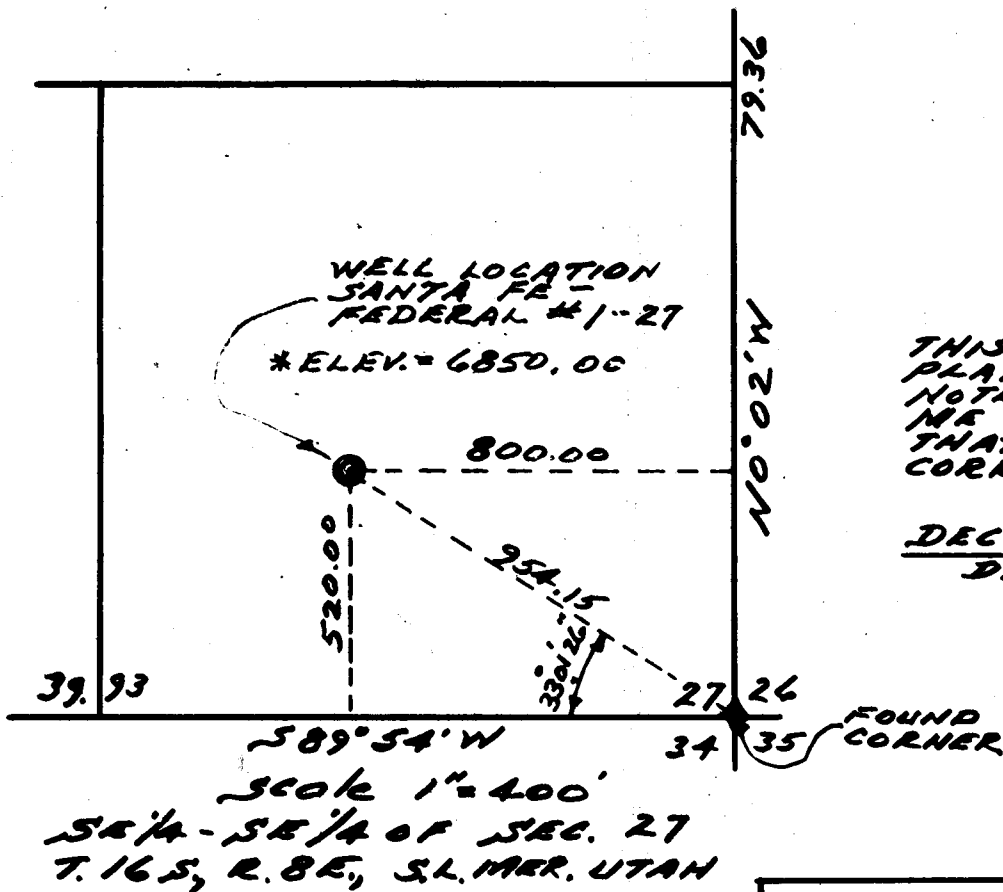
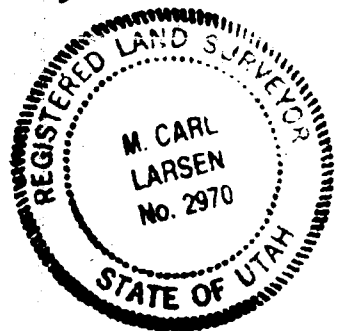
TEST DISCONTINUED

4 hours later----- no change in casing or tubing pressure

18 hours later---- no change in tubing or casing pressure



SECTION 27
TOWNSHIP 16 SOUTH, RANGE 8 EAST,
SALT LAKE MERIDIAN, UTAH
DEPENDENT RESURVEY



SURVEYOR'S CERTIFICATION

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

DEC. 1981
DATE

M. Carl Larsen
M. CARL LARSEN
REGISTERED UTAH SURVEYOR
CERTIFICATE (LICENSE) NO. 2970

*ELEVATION OF WELL SITE
DERIVED FROM SE CORNER
OF SECTION 27.

EMERY COUNTY, UTAH

DEC. 15, 1981

| | | |
|---|------------------|-------------|
| WELL LOCATION - SANTA FE - FEDERAL #1-27 SE 1/4 OF SE 1/4, SEC. 27, T. 16 S, R. 8 E, S. L. M. UTAH | | |
| PAUL PULLMAN OF F. L. ENERGY COMPANY, 2020 EAST 3300 SOUTH STREET #23 SALT LAKE CITY, UTAH, 84109 (1-801-467-5741) | | |
| PREPARED BY LARSEN AND MALMQUIST CONSULTING ENGINEERS AND LAND SURVEYORS 2736 SOUTH 2700 WEST STREET WEST VALLEY CITY, UTAH, 84119 (1-801-972-2634) | | |
| DRAWN BY: E. R. D. | SCALE AS SHOWN | DRAWING NO. |
| CHECKED BY: M. C. L. | DATE: DEC. 1981 | 8-0066-815 |
| APPROVED BY: M. C. L. | DOB: LHM0066-815 | |

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:
SERIAL No.: U-17416

and hereby designates

NAME: F-L Energy Corporation
ADDRESS: 2020 East 3300 South #23
Salt Lake City, Utah 84109

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

16S-8E
Sec. 27: SE 1/4SE1/4
Emery County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.


In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.


The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

SANTA FE ENERGY COMPANY

BY:


Assistant Secretary


J. L. Bridwell (Signature of lessee) Vice President

One Security Park

7200 I-40 West

Amarillo, Texas 79106

November 12, 1981

(Date)

(Address)

F. L. ENERGY CORP.

SANTA FE---FEDERAL #1-27

CALCULATIONS:

Thermal Gradient: $\frac{(100^{\circ}\text{F} - 82^{\circ}\text{F})(1000)}{3165'} = 5.69^{\circ}\text{F}$

$T_c = 450^{\circ}\text{R}$

$T_r = \frac{90 + 460}{450} = 1.222$

$P_c = 665 \text{ psia}$

$P_r = \frac{525}{665} = 0.790$

$$\int_{0.2}^{P_1} \frac{Z}{P_r} dP_r = \left\{ \frac{L \cdot G}{53.241 T_a} \right\} + \int_{0.2}^{P_2} \frac{Z}{P_r} dP_r$$

$$\left\{ \frac{L \cdot G}{53.241 T_a} \right\} = \frac{(3165)(0.920)}{(53.241)(550)} = \frac{2911.8}{29,282.5} = 0.099$$

$$\int_{0.2}^{P_2} \frac{Z}{P_r} dP_r = 1.268$$

$$\therefore \int_{0.2}^{P_1} \frac{Z}{P_r} dP_r = 0.099 + 1.268 = 1.3670$$

$$P_r = 0.90$$

$$P = (0.90)(665) = 598 \text{ psia}$$

* Note: As the rate of flow was low on points 1 & 2, no friction factor was used for calculating the flowing bottom-hole pressure

$$P_3^2 = (598)^2 = 357,604 \quad G_1 = 0.987$$

$$P_4^2 = (588)^2 = 345,744 \quad G_2 = 0.786$$

$$P_{f_2}^2 = (573)^2 = 328,329$$

$$P_w^2 = (14.73)^2 = 217$$

$$P_{c1} = (357,604 - 345,744)$$

$$P_{c2} = (357,604 - 328,329)$$

$$\text{A.O.F} = (357,604 - 217)$$

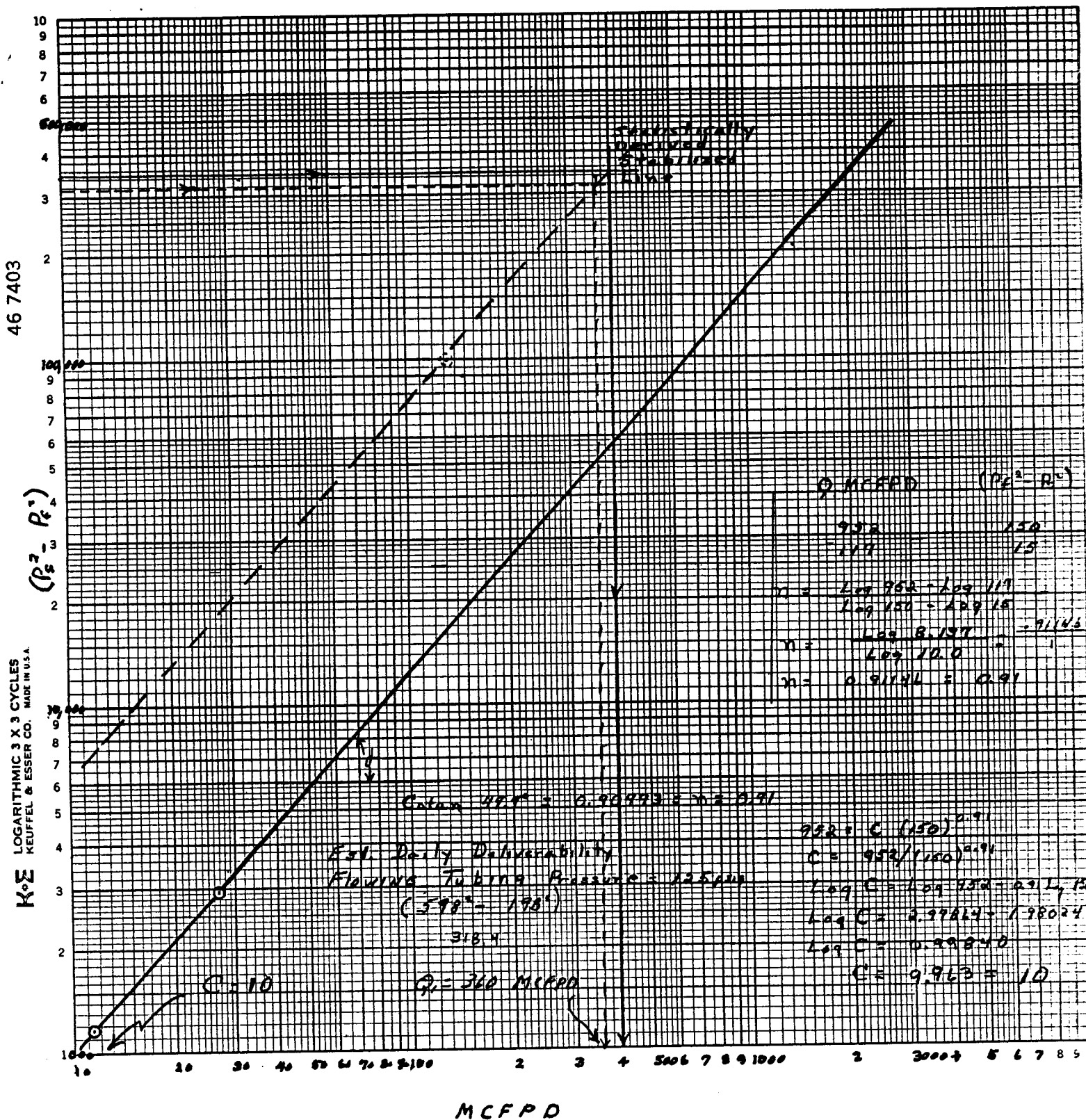
$$G_1 = .971$$

$$Q_1 = 14.5 \times 0.983 \times 0.907 = 11.5$$

$$Q_2 = 35 \times 0.971 \times 0.786 = 27.0$$

F. L. ENERGY CORP.

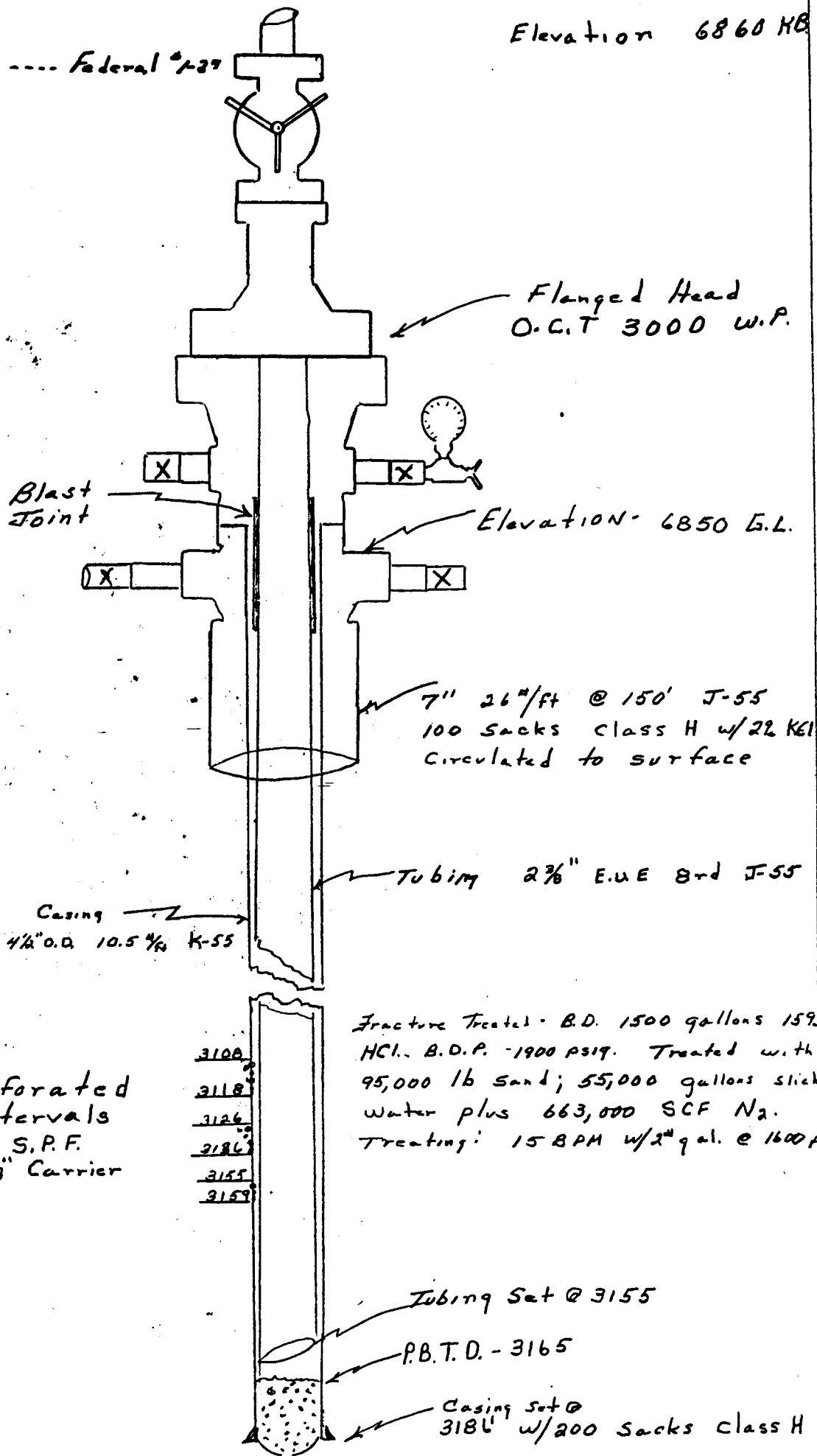
SANTA FE-----FEDERAL #1-27



Elevation 6860 HB

Santa Fe - Federal #229

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-383 200 SHEETS 5 SQUARE
NATIONAL





NOWSCO SERVICES

A Big Three Industry • P. O. Box 1574
Houston, Texas 77001 • Phone 713/861-4111

SERVICE TICKET NO.

01986

SERVICE TICKET DATE

8-10-83

STIMULATION SERVICES

| | | | | |
|---------------------------------|------------------------|--|-----------------------|--------------------|
| CUSTOMER | NAME FL Energy Corp | LEASE F-101 | WELL NO. 2501-1-22 | COUNTY Franklin |
| | MAILING ADDRESS | STATE TX | REF. B. D. TICKET NO. | CONTRACTOR |
| | DISTRICT Fruit | CODE NO. | | |
| | TYPE OF JOB D-101 | | | |
| SERVICE INSTRUCTIONS 7-10-83 | | The undersigned customer agrees to NOWSCO'S General Terms and Conditions of service including those appearing on the reverse hereof. | | |
| | | Customer's Signature P. J. [Signature] | | |
| | | Customer Order No.: | | |

| PRICE REFERENCE | DESCRIPTION | QUANTITY | UNITS | UNIT PRICE | AMOUNT |
|--------------------|---------------|-----------|-------|------------|--------|
| 700-010 | Mileage | Each | 25 | 2.15 | 268.75 |
| 400-250 | Pump Charge | Each | 1 | 300.00 | 300.00 |
| 400-100 | # Diesel Fuel | gal | 142 | 1.50 | 153.00 |
| 100-910 | APC-101 | gal | 100 | 1.50 | 150.00 |
| RETURNED MATERIALS | | | | | |
| | | | | SKS | |
| TOTAL WEIGHT | LOADED MILES | TON MILES | | | |

RECEIPT: The undersigned hereby certifies that the materials and equipment listed above were received and the services were performed in a workmanlike manner.

CUSTOMER: [Signature]
BY: [Signature] AUTHORIZED AGENT

NOWSCO TREATER

SS 004

#1 CUSTOMER COPY

| | |
|-----------|---------|
| SUB-TOTAL | 3102.75 |
| TAX | |
| TOTAL | |

NOWSCO SERVICES

P.O. BOX 1574 HOUSTON, TEXAS 77001
PHONE 713/861-4111
Stimulation Services

REF. SERVICE TICKET NO.

SERVICE TICKET DATE

JOB SUMMARY

| | | | | | |
|------------------------|----------------|-------------|-----------------------|---------------|-------------|
| LOCATION | COUNTY | STATE | | | |
| CUSTOMER | FORMATION NAME | FIELD | | | |
| LEASE | WELL NO. | RANGE | | | |
| SECTION | TOWNSHIP | | | | |
| CALLED OUT | | ON LOCATION | JOB STARTED | JOB COMPLETED | TYPE OF JOB |
| DATE | TIME | DATE | TIME | DATE | TIME |
| 8-10 | 8-10 | 8-10 | 8-10 | 8-10 | 8-10 |
| MATERIALS | | | PERSONNEL & EQUIPMENT | | |
| Treat Fluid | NAME | UNIT NO. | LOCATION | | |
| Disp. Fluid | | | | | |
| Prop. Type | size | lb. | | | |
| Prop. Type | size | lb. | | | |
| Acid Type | gals. | % | | | |
| Acid Type | gals. | % | | | |
| Surfactant | gals. | in. | | | |
| Suspending Agent | gals. | in. | | | |
| Fluid Loss | gals./lb. | in. | | | |
| Anti-Sludging Agent | gal./lb. | in. | | | |
| Gelling Agent | gal./lb. | in. | | | |
| Friction Red. | gal./lb. | in. | | | |
| Foaming Agent | gal./lb. | in. | | | |
| Blocking Agent | gal./lb. | in. | | | |
| PerPac Balls | qty. | | | | |
| N2 Used | in. | gals. | | | |
| Other Mat. | in. | gals. | | | |
| Other Mat. | | | | | |
| Other Mat. | | | | | |
| TREATMENT DONE THROUGH | | | | | |
| Other Mat. | Tbg. | Csg. | Ann | Tbg./Ann | |
| VOLUMES & PRESSURES | | | WEIGHT | SIZE | DEPTH |
| Prepad | Gals./BBL | Pad | Gals./BBL | | |
| Disp | Gals./BBL | | | | |
| Total Vol. | Gals./BBL | | | | |
| Breakdown | Rate | | | | |
| Avg. Press. | Max Press. | | | | |
| ISIP | 5 Min. | 15 Min. | | | |
| Packer Type | | | Depth | | |

SS 003

#2 CUSTOMER COPY

POOR COPY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|---|--|---|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. <div style="text-align: center;">U - 17416</div> |
| 2. NAME OF OPERATOR <div style="text-align: center;">F. L. Energy Corp.</div> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME <div style="text-align: center;">-----</div> |
| 3. ADDRESS OF OPERATOR <div style="text-align: center;">Suite 23 2020 East 3300 South, Salt Lake City, Utah 84109</div> | | 7. UNIT AGREEMENT NAME <div style="text-align: center;">-----</div> |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <div style="text-align: center;">At surface C SE₄ SE₄ Sec. 27 T16S R8E SLBM (660 FSL 660 FEL)</div> | | 8. FARM OR LEASE NAME <div style="text-align: center;">Santa Fe---Federal</div> |
| 14. PERMIT NO. | | 9. WELL NO. <div style="text-align: center;">#1-27</div> |
| 15. ELEVATIONS (Show whether of, to, or, etc.) <div style="text-align: center;">6850' GL 6860 KB</div> | | 10. FIELD AND POOL, OR WILDCAT <div style="text-align: center;">Huntington Dome</div> |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <div style="text-align: center;">Sec. 27 T16S R8E SLBM</div> |
| | | 12. COUNTY OR PARISH <div style="text-align: center;">Emery</div> |
| | | 13. STATE <div style="text-align: center;">Utah</div> |

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
 FRACTURE TREAT ☐
 SHOOT OR ACIDIZE ☐
 REPAIR WELL ☐
 (Other) ☐

PULL OR ALTER CASING ☐
 MULTIPLE COMPLETE ☐
 ABANDON* ☐
 CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐
 (Other) ☐ **Report of well test**

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

(PAGE 2)=

8/10/83 (Cont) two hours for two more cleanouts. Well cleaning nicely and has continuous steady blow with good flare. S.I. well for evening. Unloaded diesel/solvent mix at yard in storage tank. No signs of liquid hydrocarbons or paraffinic solids. Will not inject this mixture in formation. Held N₂ pumper overnight.

8/11/83 Hooked up Nitrogen truck and commenced displacing nitrogen down tubing at a rate of 100 scf/min. Initial pressure to break circulation was 350 psig. Had initial small returns of frac sand and formation fines. Water returning is in mist form and appears to be cleaner than yesterday..S.I. well for 2 hours and recommenced pumping down tubing at same rate as before. Circulating pressure at 150 psig. Shut well in and pressured up on tubing and annulus. Rigged down N₂ pumper. After one hour had no pressure loss---no leaks apparent. Opened well and commenced blowing on its own. Had very small amount of sand and fines returning as well as a faint mist. S.I. well. Checked 5 hours later and casing side had built to 500 psig, and 460 psig on tubing.

8/12,13,14/83 Well shut-in until test commences.

8/15/83 Commenced isochronal test. (Note: well data and results on attached pages) All parties present. First two points ran excellently. Began plugging tubing

18. I hereby certify that the foregoing is true and correct

SIGNED

R. L. Russell

TITLE

V.P. Operations

DATE

8/17/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(See instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|--|--|--|
| 1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | | 5. LEASE DESIGNATION AND SERIAL NO. U - 17416 |
| 2. NAME OF OPERATOR F.L. Energy Corp. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME ----- |
| 3. ADDRESS OF OPERATOR Suite 23 2020 East 3300 South, Salt Lake City, Utah 84109 | | 7. UNIT AGREEMENT NAME ----- |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface C SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 27 T16S R8E SLBM (660' FSL 660' FEL) | | 8. FARM OR LEASE NAME Santa Fe---Federal |
| 14. PERMIT NO. | | 9. WELL NO. #1-27 |
| 15. ELEVATIONS (Show whether BP, RT, GR, etc.) 6850' G.L. 6860' K.B. | | 10. FIELD AND POOL, OR WILDCAT Huntington Dome |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27 T16S R8E SLBM |
| | | 12. COUNTY OR PARISH Emery |
| | | 13. STATE Utah |

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING*

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Report of Well Test

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8/8/83 Commenced cleaning and repairing road into location. Numerous slides and rocks on road.

8/9/83 As above. Finished work.

8/10/83 Moved in NOWSCO Well Servicing. Had Nitrogen pumper with full load and conventional pumper and 1500 gallons of #1 diesel plus 80 gallons of paraffin solvent. Rigged up to remove well blockage. Commenced pumping nitrogen down annulus. Pumped approximately 50,000 scf at 850 psig. Initially had very slight returns from the tubing and this ceased completely. Continued pumping at higher rate down annulus. Could not raise pressure higher than 860 psig. Changed connections on well-head and commenced pumping down tubing. Pressure continued to raise until it reached 1820 psig and broke back immediately to 800 psig. Had initial heavy returns of frac sand interspersed with formation fines and dark, murky liquid carrying fines in suspension. The well blockage was evidently due to sand plug. Continued blowing down annulus until heavy returns ceased. Replumbed well-head and commenced pumping down annulus at a reduced rate of 100 scfN₂/min. Tubing pressure at 280 psig and dropping off as annular returns diminish. Tubing pressure dropped to 150 psig and very light mist coming from annulus. Discontinued pumping nitrogen, well cont- to blow. Lit flare--est. 15 to 20 foot. Repeated this process every (Cont.)

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

V.P. Operations

DATE

8/17/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-80 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-17416
Communitization Agreement No. _____
Field Name Huntington Dome
Unit Name _____
Participating Area _____
County Emery State Utah
Operator FL

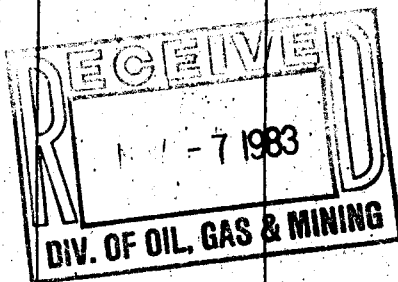
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Oct, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--------------------|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting for Hookup |



*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|-------------------------|-------------------------|--------------------|--------------------|
| On hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| Produced | -0- | -0- | -0- |
| Sold | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| Flared or Vented | XXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXX |
| Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| Injected | -0- | -0- | -0- |
| Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | -0- |
| Other (Identify) | -0- | -0- | -0- |
| On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-80 366

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-17416
Communitization Agreement No. _____
Field Name Huntington Dome
Unit Name _____
Participating Area _____
County Emery State Utah
Operator _____
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Jan, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|---------|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Testing |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|--------------------------|-------------------------|--------------------|--------------------|
| *On hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | -0- | -0- | -0- |
| *Sold | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Injected | -0- | -0- | -0- |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | -0- |
| *Other (Identify) | -0- | -0- | -0- |
| *On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | -0- | -0- | XXXXXXXXXXXXXXXXXX |

GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement

Field Name _____

Unit Name _____

Participating Area _____

County EmeryState UtahOperator F L Energy☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of APR, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|------------------|-------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--------------------------|
| Santa Fe 1-27 | SE 1/4 SE 1/4 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting for AFE Approval |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|--------------------------|-------------------------|----------------------|----------------------|
| *On hand, Start of Month | 0 | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *Produced | 0 | 0 | 0 |
| *Sold | 0 | 0 | XXXXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | 0 | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXXXX | 0 | XXXXXXXXXXXXXXXXXXXX |
| *Used on Lease | 0 | 0 | XXXXXXXXXXXXXXXXXXXX |
| *Injected | 0 | 0 | 0 |
| *Surface Pits | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX | 0 |
| *Other (Identify) | 0 | 0 | 0 |
| *On hand, End of Month | 0 | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | 0 | 0 | XXXXXXXXXXXXXXXXXXXX |

Authorized Signature: _____

Address: 2020 E. 3300 So S.L.C, UT 84109

Title: _____

Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Sept, 1984

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|---------------|-------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|---|
| Santa Fe 1-27 | SE 1/4 SE 1/4 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Santa Fe Energy will assume operation 10-1-84 |

RECEIVED

OCT 12 1984

DIVISION OF OIL
GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|--------------------------|-------------------------|----------------------|----------------------|
| *On hand, Start of Month | 0 | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *Produced | 0 | 0 | 0 |
| *Sold | 0 | 0 | XXXXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | 0 | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXXXX | 0 | XXXXXXXXXXXXXXXXXXXX |
| *Used on Lease | 0 | 0 | XXXXXXXXXXXXXXXXXXXX |
| *Injected | 0 | 0 | 0 |
| *Surface Pits | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX | 0 |
| *Other (Identify) | 0 | 0 | 0 |
| *On hand, End of Month | 0 | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | 0 | 0 | XXXXXXXXXXXXXXXXXXXX |

Authorized Signature: [Signature]
Title: Sec

Address: 2020 E. 3300 So S.L.C, UT 84109

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-80 366

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-17416
Communitization Agreement No. _____
Field Name Huntington Dome
Unit Name _____
Participating Area _____
County Emery State Utah
Operator _____
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Dec, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 259, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-----------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|--------------------|
| 1-27 | SE 1/4 SE 1/4 Sec. 27 | 16S | 8E | S.I. | 0 | 0 | 0 | 0 | Waiting for Hookup |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|--------------------------|-------------------------|--------------------|--------------------|
| *On hand, Start of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | -0- | -0- | -0- |
| *Sold | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | -0- | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | -0- | -0- | XXXXXXXXXXXXXXXXXX |
| *Injected | -0- | -0- | -0- |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | -0- |
| *Other (Identify) | -0- | -0- | -0- |
| *On hand, End of Month | -0- | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTL Content | -0- | -0- | |



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 3, 1986

Santa Fe Energy Company
1616 Glenarm Place #1600
Denver, Colorado 80202

Gentlemen:

Re: Well No. Santa Fe #1-27 - Sec. 27, T. 16S, R. 8E
Duchesne County, Utah - API #43-015-30095

Emergency

A records review indicates that no required reports for the referenced well have been filed since December 1984. Monthly drilling reports must be submitted to account for the time between spudding and well completion.

Rule 312 of the Oil and Gas Conservation General Rules requires that Form DOGM-3 "Well Completion or Recompletion Report and Log", or copy of the equivalent federal form, along with copies of logs and tests run, be filed with this office not later than 90 days after terminating drilling, or well completion.

Please submit the required drilling reports and well completion report, including copies of logs and tests which may have been run on the referenced well, not later than April 21, 1986. Address the required response to:

Utah Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attention: Well Records Suspense File - Norm Stout

Respectfully,

Norman C. Stout
Records Manager

ta
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
0385S/6

4-5-86

RJ,

It's my opinion that this well was never actually completed. Although initial testing indicated production potential, the tubing plugged & testing was never concluded. Thus well is not in a producible state yet, so I would call the status "operations suspended." I don't think there is a need for monthly reports until the condition of the well changes or the operator intends to recommence operations.

- JRB

Note: Someone, other than the operator, has written in a completion date on item 17 of completion report. I feel this entry is in error.

pk, RJF

Vicky,

Leave this in drilling for now. It will be reviewed when files are merged, or when reporting responsibility is resolved.

Lucy
12-7-86

Santa Fe Energy Company



Central Division-Rocky Mountain District
Security Life Building
Suite 2600
Denver, Colorado 80202-4330
303/825-8101

RECEIVED
APR 16 1986

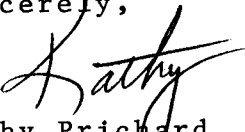
April 14, 1986

DIVISION OF
OIL, GAS & MINING

Mr. Stout:

Enclosed is some of the information you requested in your letter dated April 3, 1986 from your "Well Records Suspense File." The last production report we have is September 1984. Our records indicate that the Santa Fe #1-27 has been a shut in gas well since 1983, and has never produced. Legally, F-L Energy is still the operator, however according to our land department, the issue is still in litigation. If the enclosed information does not suffice, please do not hesitate to call on us again.

Sincerely,


Kathy Prichard



A Santa Fe Industries Company

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See
instructions
reverse side)Form approved.
Budget Bureau No. 42-R355.8.

LEASE DESIGNATION AND SERIAL NO.

U-17416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Santa Fe-Federal

9. WELL NO.

#1-27

10. FIELD AND POOL, OR WILDCAT

Huntington Dome

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASE 1/4 SE 1/4 Sec. 27
T16S R8E12. COUNTY OR
PARISH
Emery13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
DATE OF COMPLETION: JUN 3 1983
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____2. NAME OF OPERATOR
F-L Energy Corporation3. ADDRESS OF OPERATOR
Suite 23, 2020 East 3300 South, Salt Lake City, Utah 841094. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 460' FSL 800' FEL (Se 1/4 SE 1/4) Section 27
At top prod. interval reported below As Above
At total depth As Above14. PERMIT NO. 43-015-30095
DATE ISSUED Aug. 4, 198115. DATE SPUDDED 8/18/82 16. DATE T.D. REACHED 8/22/82 17. DATE COMPL. (Ready to prod.) 8-16-83
Waiting on Final Test 18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 6850 G.L.; 6860 K.B. 19. ELEV. CASINGHEAD 6854'

20. TOTAL DEPTH, MD & TVD 3188' K.B. 21. PLUG, BACK T.D., MD & TVD 3150' K.B. 22. IF MULTIPLE COMPL., HOW MANY* None 23. INTERVALS DRILLED BY → 10-3186 24. ROTARY TOOLS 25. CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Ferron Sandstone: 3092-3188' 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN D.I.L., G. Ray, Caliper, Compensated Neutron, Compensated Density 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------|---------------|
| 7" | 20 lb/ft | 168' | 9 5/8" | Cemented to Surface | None |
| 4 1/2" | 10.5 lb/ft | 3185' | 6 1/4" | 200 sacks C/ov "H" | None |
| | | | | | |
| | | | | | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|----------|----------|-------------|---------------|-------------|
| NO LINER | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2 3/8" | 3156 KB | None |

31. PERFORATION RECORD (Interval, size and number)

3108 - 3118 (10' 4SPF) 40
3126 - 3136 (10' 4SPF) 40
3155 - 3159 (4' 4SPF) 16
96 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 3108 - 3118 | S.M.F. with 55,000 gal. slick |
| 3126 - 3136 | Water containing 95,000 lbs |
| 3155 - 3159 | of 20/40 mesh sand and 663 |
| | MCF of Nitrogen. |

33. PRODUCTION

DATE FIRST PRODUCTION Waiting on P. L. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) S. I. G. W.

DATE OF TEST Waiting on HOURS TESTED better road CHOKER SIZE conditions PROD'N. FOR TEST PERIOD to perform final test OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. DIL. GRAVITY-APP (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Test gas will be vented -- maximum 12 hours

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

TITLE

President

DATE June 1, 1983

*(See Instructions and Spaces for Additional Data on Reverse Side)

860425 CP

INSTRUCTIONS

RECEIVED

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands whether a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES | | | 38. GEOLOGIC MARKERS | | | | |
|---|------|--------|---|-------------------------|-------------|-----|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TOP | TRUE VERT. DEPTH |
| Ferron Sandstone | 3106 | 3188 | Sandstone, fine-grained, good sorting, calcite filled, fair porosity, low permeability, contains gas and minor amounts of liquid hydrocarbons | Blue Gate Member | 0 | | 3092 |
| | | | | Ferron Sandstone Member | 3092 | | 3188 |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions
reverse side)Form approved.
Budget Bureau No. 42-R333.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
 DATE OF COMPLETION: 3-1983
 NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER. ☐ Other _____

2. NAME OF OPERATOR
F-L Energy Corporation

3. ADDRESS OF OPERATOR
Suite 23, 2020 East 3300 South, Salt Lake City, Utah 84109

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 460' FSL 800' FEL (Se 1/4 SE 1/4) Section 27

At top prod. interval reported below As Above

At total depth As Above

14. PERMIT NO. 43-015-30095 DATE ISSUED Aug. 4, 1981

5. LEASE DESIGNATION AND SERIAL NO.
U-17416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Santa Fe-Federal

9. WELL NO.

#1-27

10. FIELD AND POOL, OR WILDCAT

Huntington Dome

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SE 1/4 SE 1/4 Sec. 27
T16S R8E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

15. DATE SPUDDED 8/18/82 16. DATE T.D. REACHED 8/22/82 17. DATE COMPL. (Ready to prod.) 8-16-83
18. ELEVATIONS (DF, REB, RT, CR, ETC.)* 6850 G.L.; 6860 K.B. 19. ELEV. CASINGHEAD 6854'

20. TOTAL DEPTH, MD & TVD 3188' K.B. 21. PLUG BACK T.D., MD & TVD 3150' K.B. 22. IF MULTIPLE COMPL., HOW MANY* None 23. INTERVALS DRILLED BY ROTARY TOOLS 10-3186 CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Ferron Sandstone: 3092-3188' 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
D.I.L., G. Ray, Caliper, Compensated Neutron, Compensated Density 27. WAS WELL CORED No

| CASING RECORD (Report all strings set in well) | | | | | |
|--|-----------------|----------------|-----------|---------------------|---------------|
| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 7" | 20 lb/ft | 168' | 9 5/8" | Cemented to Surface | None |
| 4 1/2" | 10.5 lb/ft | 3185' | 6 1/4" | 200 sacks C/ov "H" | None |
| | | | | | |
| | | | | | |

| LINER RECORD | | | | | TUBING RECORD | | |
|--------------|----------|-------------|---------------|-------------|---------------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| NO LINER | | | | | 2 3/8" | 3156 KB | None |

| PERFORATION RECORD (Interval, size and number) | | | | ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|--|----|--|--|--|----------------------------------|
| 3108 - 3118 (10' 4SPF) | 40 | | | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| 3126 - 3136 (10' 4SPF) | 40 | | | 3108 - 3118 | S.P.F. with 55,000 gal. slick |
| 3155 - 3159 (4' 4SPF) | 16 | | | 3126 - 3136 | Water containing 95,000 lbs |
| | | | | 3155 - 3159 | of 20/40 mesh sand and 66% |
| | | | | | MCF of Nitrogen. |
| 96 holes | | | | | |

| PRODUCTION | | | | | | | |
|-----------------------|-----------------|--|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| Waiting on P. L. | | Flowing | | | | S. I. G. W. | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BSL. | GAS—MCF. | WATER—BSL. | GAS-OIL RATIO |
| Waiting on | better road | conditions | to perform final test | | | | |
| FLOW, TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BSL. | GAS—MCF. | WATER—BSL. | OIL GRAVITY-API (CORR.) | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Test gas will be vented -- maximum 12 hours TEST WITNESSED BY APR 16 1986

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Paul J. [Signature] TITLE President DATE June 1, 1983

*(See Instructions and Spaces for Additional Data on Reverse Side)

860425 CP

From the desk of
NORM STOUT

Charles,

Ron and John have choosen
to put this back in the
drilling file without
requiring further operator
action for monthly
reporting. Enter the WCR
data as reported, and
"remark" it as opns.
suspended WCR.

Please return to Pam for
filing in the "drilling"
section.

Thank's,



6-3-86



UTAH
NATURAL RESOURCES

To:

[Handwritten signature]

From: R.J. Firth

Date:

- ☐ For your information and file.
- ☐ For necessary action.
- ☐ Reply directly to origin with a copy to this office.
- ☐ Please draft a reply for signature of _____
_____ and
return by the following date _____.
- ☐ Other _____

3100
(U-60078)
(U-065)

Moab District
P. O. Box 970
Moab, Utah 84532

400 22

Mr. Henry A. Alker
Alker Mineral Leasing
Onshore Oil and Gas Leasing and Production
P. O. Box 194001
San Francisco, California 94119

Re: Santa Fe Federal No. 1-27 well
Federal Lease U-60078
Sec. 27, T. 16 S., R. 8 E.
Emery County, Utah

Dear Mr. Alker:

Following review of production test data from the reference well, we have determined the well as capable of production in paying quantities. Based on the test performed in August, 1983, we will accept the No. 1-27 well as a gas shut-in well.

For your information, according to policy, gas shut-in wells are wells which are capable of production in paying quantities, but are waiting for pipeline hookup, increased prices, etc. Shut-in wells can hold a lease in its extended term by reason of production potential. However, periodically we require production tests of wells which have not been produced for extended periods. Wells should be tested a minimum of every 10 years. Therefore, we will require that this well be tested prior to August 31, 1993, i.e.; if the well remains in a gas shut-in status at that time.

No less than ten days prior to conducting the test, please submit a testing proposal to this office. The proposal may be submitted on a sundry notice form and should identify the testing method and equipment to be used. Also, contact the BLM San Rafael Resource Area Office at (801) 637-4584 at least 48 hours prior to conducting the test so that they may arrange to have an inspector present.

If you have any questions in this matter, please contact Dale Manchester at (801) 259-6111 in the Moab District Office.

Sincerely yours,

/S/ WILLIAM C. STRINGER

Assistant District Manager
Mineral Resources

cc:
U-067, San Rafael Resource Area Office
U-942, Utah State Office

bcc:
U-065, D. Manchester

DManchester:caf:8/21/91 WP Minerals Disk A:ALKRGS1

CNF

U-20764
U-17416

ALKER MINERAL LEASING
ONSHORE OIL AND GAS LEASING AND PRODUCTION

22 BATTERY STREET, SUITE 314
SAN FRANCISCO, CA 94111
(415) 788-6544

MAILING ADDRESS:
P.O. BOX 3168
SAN FRANCISCO, CA 94119

BLM District Office
P O Box 970
Moab , Utah 84532
att : Greg Noble

July 26, 1986

Dear Sir:

On July 16, 1986 I was the top bidder at the KGS sale on two oil and gas leases in your district: U-60074 and U-60078. These leases are located:

U-60074

T 20 S. R 7 E

Sec 26: S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$

Sec 34: SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$

480 acres

U-60078

T 16 S. R 8 E

Sec 27: SE $\frac{1}{4}$

U-17416

Well # Santa Fe Federal 1-27

SE $\frac{1}{4}$ Sec 27, T. 16 S. R. 8 E.

Ad lease # U-17416 Announced/Closed 9/1/85

160 acres

I understand that there are two unplugged shallow gas wells on the first lease and one unplugged gas well on the second. It is my intention to appoint F-L Energy in Salt Lake City, Utah as designated operator for these properties.

see comments
on operator
change form

This letter requests that you do not require these leases and their operator to plug the aforementioned wells. Although the market for small gas wells is weak at this time, the FERC deregulation process has encouraged me to acquire these leases because one no longer is restricted to Mountain Fuel Co as a possible purchaser. I expect to be able to sell this production to another buyer in the near future.

Yours sincerely,

Henry A Alker
Henry A Alker

cc: F-L Energy

Moab District
P. O. Box 970
Moab, Utah 84532

3162 (U-065)
(U-60074)
(U-60078)✓

SEP 11 1986

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Certification No. 0276

Mr. Henry A. Alker
P. O. Box 3168
San Francisco, CA 94119

Re: Well No. Santa Fe Federal 1-27
SESE Sec. 27, T. 16 S., R. 8 E.
Lease U-60078
API #43-015-30095

Well No. Hawthorn Federal 1-34
SESE Sec. 34, T. 20 S., R. 7 E.
Lease U-60074
API #43-007-30084 (43-015-30084)

Dear Mr. Alker:

We are in receipt of your letter dated July 26, 1986 advising us that you had obtained the above referenced leases in the July competitive lease sale. There are currently two unplugged gas wells on these leases. You have requested the Bureau of Land Management not to require plugging and abandonment of these wells.

Your request is granted with the following conditions:

- 1) You will be required, as Lessee of Record Title and Operator of the above wells, to obtain bonding in accordance with regulations found in 43 CFR 3104. It is recommended that you obtain a statewide bond covering your activities on these leases. The necessary forms and instructions will be sent to you under separate cover by the Utah State Office, Minerals Adjudication Section.
- 2) You will be required to file Monthly Reports of Operation (Form 3160-6) with the Moab District Office each month beginning in September 1986 and continuing until the wells are plugged and abandoned. A copy of this form is enclosed.
- 3) All activities on these leases and wells involved must be in compliance with regulations found in 43 CFR 3160.

RECEIVED

JAN 16 1987

DIVISION OF
OIL GAS & MINING

You also advised our office it was your intention to appoint F. L. Energy of Salt Lake City, Utah as designated operator of these wells. We are enclosing a copy of the Designation of Operator Form (Form 3160-8) which should be filed with the Moab District Office. Until this form is received in our office, we will continue to show that these wells are operated by Henry A. Alker.

Your prompt attention concerning the above matters would be appreciated. If you have any questions, please contact the Branch of Fluid Minerals (801) 259-6111.

Sincerely yours,

/s/ James J. Travis

ACTING

District Manager

Enclosures (4)

1-Form 3160-6 (2)

2-Form 3160-8 (2)

cc: San Rafael Resource Area (w/o encl.)
Utah State Office (U-942) (w/o encl.)

CFreudiger/cf 9/10/86



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

January 28, 1992

Henry A. Alker
P. O. Box 3168
San Francisco, California 94119

Dear Mr. Alker:

Re: Operator Change, F L Energy to Henry A. Alker, Company
Santa Fe-Federal 1-27 well located in Sec. 27, T. 16S, R. 8E
and Hawthorne 1-34 well located in Sec. 34, T. 20S, R. 7E -
Emery County, Utah.

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Romero
Administrative Analyst

cc: Dept. of Commerce
D. T. Staley
R. J. Firth

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

| | |
|---------|-------|
| Routing | |
| 1-LCR | 7-LCR |
| 2-DTS | 7-DTS |
| 3-VLC | ✓ |
| 4-RJF | ✓ |
| 5-RWM | ✓ |
| 6-ADA | ✓ |

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-26-86)

| | | | |
|-------------------|--------------------------------------|------------------------|--------------------------------------|
| TO (new operator) | <u>ALKER, HENRY A.</u> | FROM (former operator) | <u>F L ENERGY</u> |
| (address) | <u>P. O. BOX 3168</u> | (address) | <u>2020 E. 3300 S., STE 23</u> |
| | <u>SAN FRANCISCO, CA 94119</u> | | <u>SALT LAKE CITY, UT 84109</u> |
| | | | <u>KYNN KANO</u> |
| | phone (<u>415</u>) <u>788-6544</u> | | phone (<u>801</u>) <u>484-6157</u> |
| | account no. <u>N 7355 (1-27-92)</u> | | account no. <u>N 2120</u> |

Well(s) (attach additional page if needed):

*(STATUS FROM OPS)

| | | | | | | | | | | | | | |
|-------|-------------------------------|------|---------------------|---------|--------------|-----|-----------|-----|------------|-----|-----------|-------------|----------------|
| Name: | <u>SANTA FE-FED 1-27/FRSD</u> | API: | <u>43-015-30095</u> | Entity: | <u>11171</u> | Sec | <u>27</u> | Twp | <u>16S</u> | Rng | <u>8E</u> | Lease Type: | <u>U-60078</u> |
| Name: | <u>HAWTHORNE 1-34/FRSD</u> | API: | <u>43-015-30084</u> | Entity: | <u>2992</u> | Sec | <u>34</u> | Twp | <u>20S</u> | Rng | <u>7E</u> | Lease Type: | <u>U-60074</u> |
| Name: | | API: | | Entity: | | Sec | | Twp | | Rng | | Lease Type: | |
| Name: | | API: | | Entity: | | Sec | | Twp | | Rng | | Lease Type: | |
| Name: | | API: | | Entity: | | Sec | | Twp | | Rng | | Lease Type: | |
| Name: | | API: | | Entity: | | Sec | | Twp | | Rng | | Lease Type: | |
| Name: | | API: | | Entity: | | Sec | | Twp | | Rng | | Lease Type: | |

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: (1-27-92 not reg.) (letter mailed 1-28-92)
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-28-92)
- See 6. Cardex file has been updated for each well listed above. (1-28-92)
- See 7. Well file labels have been updated for each well listed above. (1-28-92)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-28-92)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date January 31 1992. If yes, division response was made by letter dated January 31 1992.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated January 31 1992, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILED

1. All attachments to this form have been microfilmed. Date: January 31 1992

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

920116 Bbm/Moab Lessee & Operator is Henry A. Alker eff. 7-26-86. The Bbm has not required plugging as of yet, nor have they received a designation of operator appointing F&E Energy operator.

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other(Location) Sec _____ Twp _____ Rng _____
(API No.) _____Desig. of Agent1. Date of Phone Call: 8-18-92 Time: 8:532. DOGM Employee (name) J. Romero (Initiated Call ☒)
Talked to:Name Ray Buckland (Initiated Call ☐) - Phone No. (801) 748-2356
of (Company/Organization) Pegasus Petroleum3. Topic of Conversation: Desig. of Agent
Hawthorne 1-34 / 43-015-30084 and Santa Fe Fed. 1-27 / 43-015-30095

4. Highlights of Conversation:

Mr. Buckland confirmed that he is the designated agent for
Henry Alker. He is aware that both wells are on Federal leases,
and that Henry Alker is considered to be the operator and has
provided bond coverage to the Btm.* Dept. of Commerce - Pegasus Petroleum "No Listing"* Btm/Moab - Notified of "Desig. of Agent" (Not an oper. change)* Henry Alker - Notified of "Desig. of Agent". (Not an oper. change)

THIS R8E SEC 27 SE 1/4,
SE 1/4 SANTA FE FEDERAL 1-27
WELL SITE

TRAILING SE COR SEC 27
AND WIGGLE IN BETWEEN SE
COR SEC 27 AND SOUTH 1/4 COR
SEC 27

ACCESS INTO WELL SITE
BEGINNS 6.7 MILES ± FROM HUNTINGTON
ALONG HUNTINGTON CANYON
HIGHWAY, SAID ACCESS ROAD IS
A COUNTY ROAD BEGINNING IN
SEC 6 AND WINDS THROUGH
SECS 5, 32, 33, AND 28, THERE
A JEFF TRAIL (AS LOCATED ON
HICWATHA GUADALUPE MAP) NEARS
SOUTH EXTERIOR TRAIL - W. 1/4
SEC 27, JEFF TRAIL FORKS
50 FEET OR SO SE COR SEC
27. NORTH FORK IS ACCESS
TO SANTA FE FEDERAL 1-27
ROAD CONTINUES TO WELL SITE.

*

NOTE

SEE HICWATHA GUADALUPE
FOR COUNTY ROAD & JEFF TRAIL

*

THIS WILL ALSO BE THE
SAME ACCESS FOR SANTA FE
FEDERAL 1-3 ALSO SEE FIELD
NOTE FOR ACCESS FOR SANTA
FE FEDERAL 1-3

T165 RBE SLBM SEC 27
SE 1/4, SE 1/4 SANTA FE
1-27

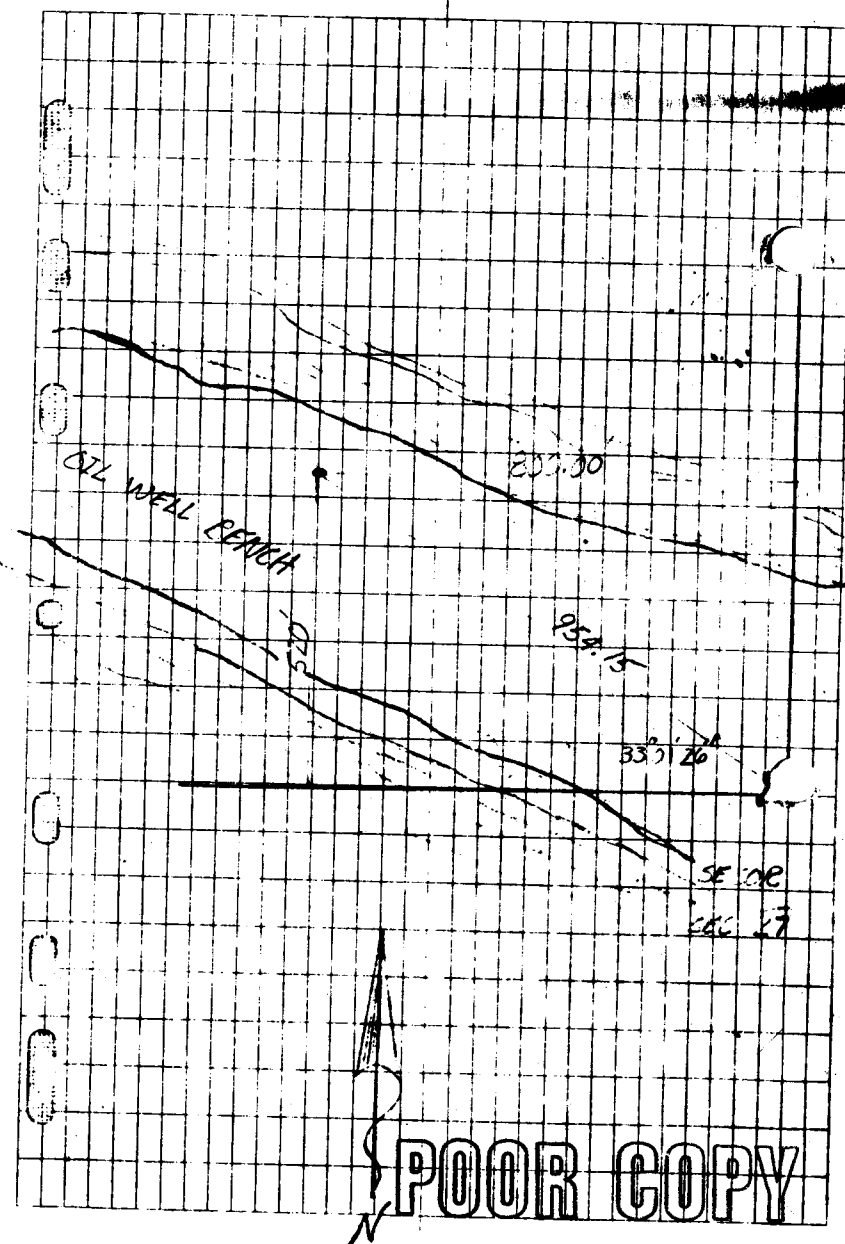
TO SE SEC COR 27 ES
1/4 COR SEC 27 45 RT
HORIZ & HZ DET

| | | | | |
|---|----|----|----|--------|
| 1 | 33 | 01 | 26 | 954.15 |
| 2 | 66 | 02 | 50 | |

WELL SITE IS 50 FEET
SOUTH OF NORTH CANYON
OF OIL WELL RANCH, FROM
CANYON RTN TO ORANGE
BOTTOM IS 450 FEET OF
ELEVATION CHANGE

ELEV OF WELL = 925.00

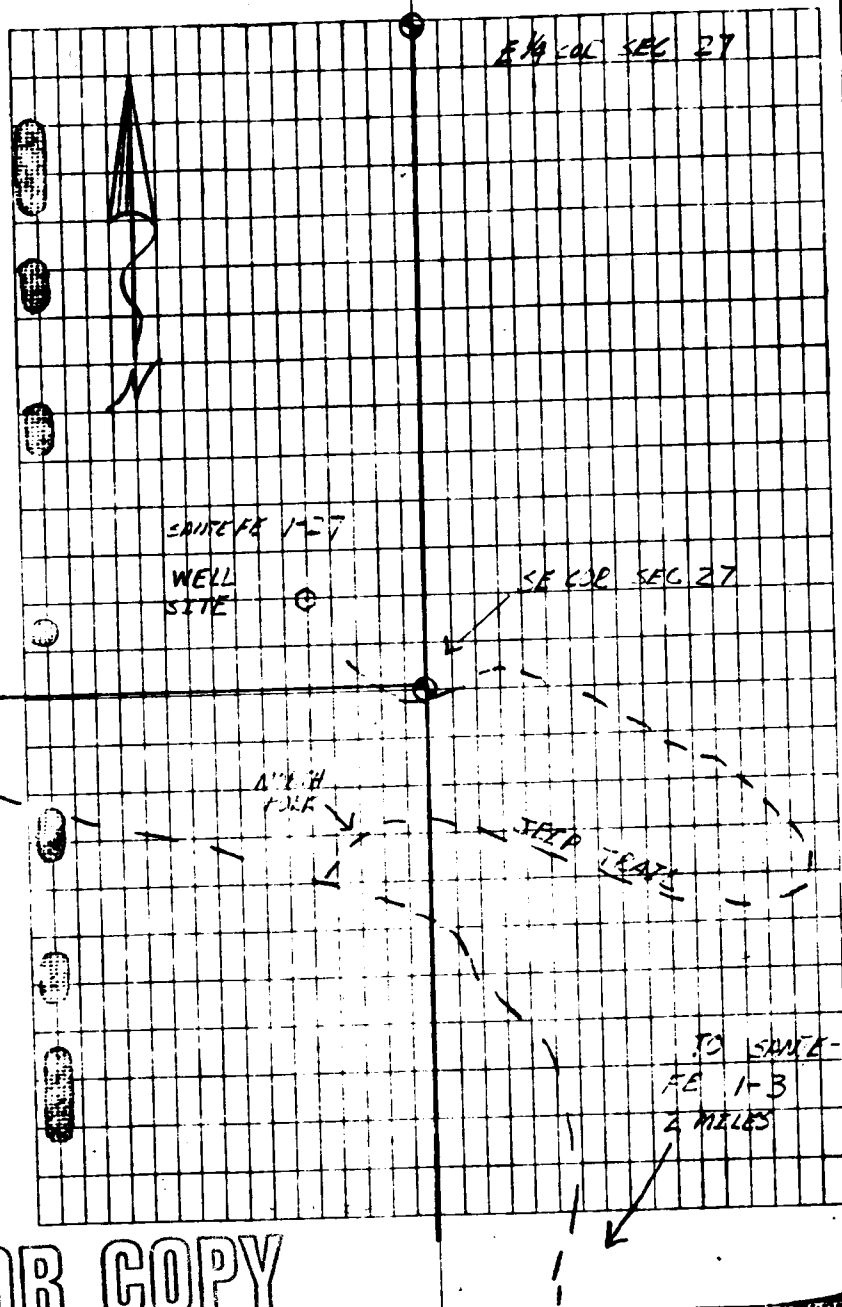
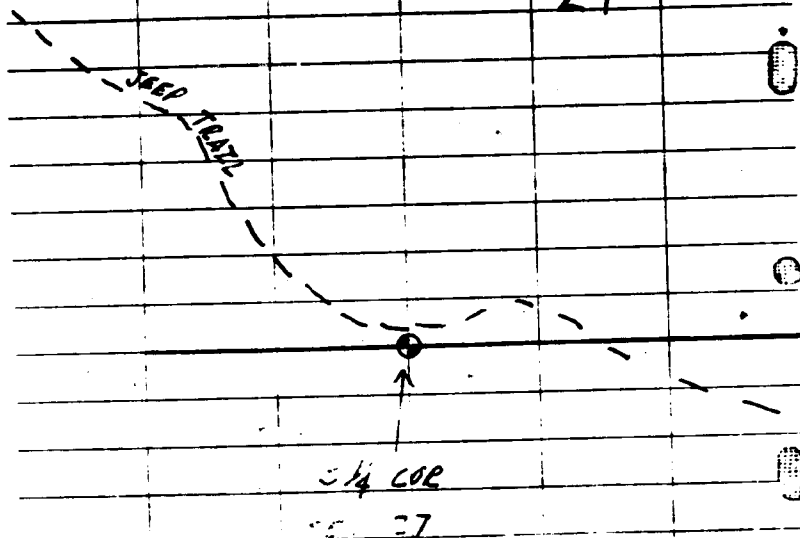
* ACCESS ROAD ALONG S. 1/4
CANYON RTN



POOR COPY

T165 R8E SEC 27 SE 1/4, SE 1/4
SANTA FE 1-27
ACCESS ROAD

SEC.
27



POOR COPY

ALKER MINERAL LEASING
ONSHORE OIL AND GAS LEASING AND PRODUCTION

155 MONTGOMERY STREET, SUITE 504
SAN FRANCISCO, CA 94104
[415] 788-6544
FAX [415] 986-3153

MAILING ADDRESS:
P.O. BOX 194001
SAN FRANCISCO, CA 94119

May 12, 1992

State of Utah
Natural Resources, Oil Gas Mining
3100 Center, Ste 350
Salt Lake City, ut 84180-1203

RECEIVED

MAY 14 1992

DIVISION OF
OIL GAS & MINING

Enclosures

The enclosed forms for 2 shut
in wells on my Federal lease
should be sent to Ray Buckland
Pegasus Petroleum
P.O. Box 1005
Castle Lake, ut 84513

His firm is licensed to operate wells in Utah
and is operating those leases currently
Please notify the State that people
accordingly.

Henry A. Alker

cc: R. Buckland



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

August 19, 1992

Ray Buckland
Pegasus Petroleum
P. O. Box 1005
Castledale, Utah 84513

Dear Mr. Buckland:

Re: Designation of Agent, Henry A. Alker c/o Pegasus
Petroleum, for wells located in Emery County,
Utah.

In reviewing the designation of agent for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Romero
Administrative Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/ldc



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

August 19, 1992

Henry A. Alker
P. O. Box 194001
San Francisco, California 94119

Dear Mr. Alker:

Re: Designation of Agent, Henry A. Alker c/o Pegasus
Petroleum, for wells located in Emery County,
Utah.

In reviewing the designation of agent for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

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Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Romero
Administrative Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/ldc

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

| | |
|----------|--------|
| Routing: | |
| 1- LCR | 7- LCR |
| 2- DTS | TS |
| 3- VLC | |
| 4- RJF | |
| 5- RWM | |
| 6- ADA | |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not-applicable.

☒ Change of Operator (well sold) ☒ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-92 (PER ADMIN.))

| | |
|--|---|
| TO (new operator) <u>ALKER, HENRY A.</u> | FROM (former operator) <u>ALKER, HENRY A.</u> |
| (address) <u>C/O PEGASUS PETROLEUM</u> | (address) <u>PO BOX 3168</u> |
| <u>PO BOX 1005</u> | <u>SAN FRANCISCO, CA 94119</u> |
| <u>CASTLEDALE, UT 84513</u> | |
| phone <u>(801) 748-2356</u> | phone <u>(415) 788-6544</u> |
| account no. <u>N 7355(A)</u> | account no. <u>N7355</u> |

Well(s) (attach additional page if needed):

| | | | | |
|-------------------------------------|--------------------------|----------------------|--|----------------------------|
| Name: <u>HAWTHORNE 1-34/FRSD</u> | API: <u>43-015-30084</u> | Entity: <u>2992</u> | Sec <u>34</u> Twp <u>20S</u> Rng <u>7E</u> | Lease Type: <u>U-60074</u> |
| Name: <u>SANTA FE-FED 1-27/FRSD</u> | API: <u>43-015-30095</u> | Entity: <u>11171</u> | Sec <u>27</u> Twp <u>16S</u> Rng <u>8E</u> | Lease Type: <u>U-60078</u> |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ Twp _____ Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 5-14-92)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). ** Phone Documentation*
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes no) ____ If yes, show company file number: ____ *(Letter mailed to both companies 8-19-92)*
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(8-19-92)*
- See 6. Cardex file has been updated for each well listed above. *(8-19-92)*
- See 7. Well file labels have been updated for each well listed above. *(8-19-92)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-19-92)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) ____.
See Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
See 8/24/92
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ RWM 1. All attachments to this form have been microfilmed. Date: Aug 21 1992.

FILING

- See 1. Copies of all attachments to this form have been filed in each well file.
- See 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

920818 Bbm/mcab Henry Alken is operator - ok to set it up as a des'g of agent. Do not change operator.



State of Utah

School and Institutional
TRUST LANDS ADMINISTRATION

Michael O. Leavitt
Governor

David T. Terry
Director

675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2812
801-538-5100
801-355-0922 (Fax)
<http://www.trustlands.com>

February 2, 1999

Henry A. Alker
P.O. Box 194001
San Francisco, CA 94119

RE: Oil and Gas Lease UTU-60078

Dear Lessee:

The lands underlying the above-referenced federal lease have been conveyed by the United States to the State of Utah School & Institutional Trust Lands Administration, pursuant to the Lands Exchange Act of 1998 (Public Law 103-355). The lands transferred under your federal lease to the State of Utah have been assigned a new lease number. When making inquiries or for future correspondence please refer to this new mineral lease number.

New Lease Number: ML 48184

T16S. 8E. SLB&M
Sec. 27: SE¼

Emery County
160.00 acres

Rentals and/or royalties for the lands transferred to the State will be due at the following address:

State of Utah
School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2812

If you have questions, please contact Jim Cooper, Assistant Director, Minerals, at (801) 538-5150

Dawnyell Gallien

Dawnyell Gallien
Mineral Technician

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

RunDate/Time: 03/26/02 04:11 PM

Page 1 of 1

01 02-25-1920;041STAT0437;30USC226
Case Type 311111: O&G LSE NONCOMP PUB LAND
Commodity 459: OIL & GAS L
Case Disposition: CLOSED

Total Acres
1,160.000

Serial Number
UTU--- - 017416

Serial Number: UTU--- - 017416

| Name & Address | Int Rel | % Interest |
|-------------------------|---------------------|------------------------|
| DEVON SFS OPERATING INC | 20 N BROADWAY #1500 | OKLAHOMA CITY OK 73102 |
| | LESSEE | 100.000000000 |

Serial Number: UTU--- - 017416

| Mer Twp | Rng | Sec | STyp | SNr Suff | Subdivision | District/Resource Area | County | Mgmt Agency |
|---------|-------|-----------|------|----------|-------------|------------------------|--------|---------------------|
| 26 | 0160S | 0080E 012 | ALIQ | | SW; | PRICE FIELD OFFICE | EMERY | BUREAU OF LAND MGMT |
| 26 | 0160S | 0080E 014 | ALIQ | | S2SW,SE; | PRICE FIELD OFFICE | EMERY | BUREAU OF LAND MGMT |
| 26 | 0160S | 0080E 022 | ALIQ | | SE; | PRICE FIELD OFFICE | EMERY | BUREAU OF LAND MGMT |
| 26 | 0160S | 0080E 023 | ALIQ | | N2NW,SWSW; | PRICE FIELD OFFICE | EMERY | BUREAU OF LAND MGMT |
| 26 | 0160S | 0080E 024 | ALIQ | | W2NE; | PRICE FIELD OFFICE | EMERY | BUREAU OF LAND MGMT |
| 26 | 0160S | 0080E 025 | ALIQ | | W2NE,NW; | PRICE FIELD OFFICE | EMERY | BUREAU OF LAND MGMT |
| 26 | 0160S | 0080E 027 | ALIQ | | SE; | PRICE FIELD OFFICE | EMERY | BUREAU OF LAND MGMT |

Serial Number: UTU--- - 017416

| Act Date | Code | Action | Action Remarks | Pending Office |
|------------|------|--------------------------|-----------------------|----------------|
| 02/01/1972 | 387 | CASE ESTABLISHED | | |
| 02/01/1972 | 868 | EFFECTIVE DATE | | |
| 07/01/1972 | 898 | ASGN EFFECTIVE | NO ORR OIL DEVEL | |
| 02/28/1979 | 940 | NAME CHANGE RECOGNIZED | OIL DEVEL TO SANTA FE | |
| 01/01/1982 | 676 | SUS OPS & PROD/NO PMT | OPERATIONS | |
| 08/01/1982 | 678 | SUSP LIFTED | EXPIRE DATE 8-31-83; | |
| 12/09/1983 | 510 | KMA CLASSIFIED | GREATER FERRON KGS | |
| 12/21/1983 | 235 | EXTENDED | THRU 8/31/85; | |
| 02/01/1985 | 315 | RENTAL RATE DET/ADJ | \$2/ACRE; | |
| 08/31/1985 | 234 | EXPIRED | | |
| 09/01/1985 | 970 | CASE CLOSED | | |
| 11/19/1985 | 600 | RECORDS NOTED | | |
| 08/12/1987 | 163 | CASE SENT TO NARA | 870128 794557 (5) | |
| 08/31/1987 | 140 | ASGN FILED | | |
| 09/09/1987 | 567 | ASGN RETURNED UNAPPROVED | FILED 8-31-87 | |

Serial Number: UTU--- - 017416

Line Nr Remarks

100-9
(1985)

The United States of America

To all to whom these presents shall come, Greeting:

77266-F7

WHEREAS,

State of Utah, School and Institutional Trust Lands Administration

is entitled to a land patent pursuant to Section 206 of the Act of October 21, 1976 (90 Stat. 2756; 43 U.S.C. 1716) as amended by the Act of August 20, 1988 (102 Stat. 1086-1094; 43 U.S.C. 1716, 1740), pursuant to the Utah School and Lands Exchange Act of 1998, Public Law 105-335 (112 Stat. 3139), the following described land in Emery and Carbon Counties:

Ferron Field

Salt Lake Meridian, Utah

T. 18 S., R. 7 E.,

Sec. 1, lots 1-7, SW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$.
Containing 625.19 acres, more or less of surface and minerals.

T. 18 S., R. 7 E.,

Sec. 1, SE $\frac{1}{4}$ SW $\frac{1}{4}$.

Containing 40.00 acres, more or less of mineral estate only.

T. 14 S., R. 8 E.,

Sec. 25, all.

Containing 640.00 acres, more or less of surface and minerals.

T. 15 S., R. 8 E.,

Sec. 1, lots 1-14, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$; (all)

Sec. 35, SW $\frac{1}{4}$ SW $\frac{1}{2}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$.

Containing 752.58 acres, more or less of surface and minerals.

T. 16 S., R. 8 E.,

Sec. 1, lots 1-14, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$; (all)

Sec. 3, lots 1, 2, 7-10, SE $\frac{1}{4}$;

Sec. 10, N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$;

Sec. 11, N $\frac{1}{2}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$;

Sec. 12, lots 1-4, W $\frac{1}{2}$ E $\frac{1}{2}$, W $\frac{1}{2}$; (all)

Sec. 13, lots 1-4, W $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$;

Sec. 14, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$;

Sec. 15, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$;

Sec. 22, NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$;

Sec. 23, all;

Sec. 24, lots 1-3, $W\frac{1}{2}NE\frac{1}{4}$, $W\frac{1}{2}$, $W\frac{1}{2}SE\frac{1}{4}$;
 Sec. 25, lots 1-4, $W\frac{1}{2}E\frac{1}{2}$, $W\frac{1}{2}$; (all)
 Secs. 26 thru 28, all;
 Sec. 29, $SW\frac{1}{4}NE\frac{1}{4}$, $W\frac{1}{2}$, $W\frac{1}{2}SE\frac{1}{4}$, $SE\frac{1}{4}SE\frac{1}{4}$;
 Sec. 31, lots 1, 2, 5-7, 9, 13, $NE\frac{1}{4}$, $E\frac{1}{2}NW\frac{1}{4}$, $NE\frac{1}{4}SW\frac{1}{4}$, $N\frac{1}{2}SE\frac{1}{4}$;
 Sec. 33, lots 1-4, $N\frac{1}{2}$, $N\frac{1}{2}S\frac{1}{2}$; (all)
 Sec. 34, lots 1-4, $N\frac{1}{2}$, $N\frac{1}{2}S\frac{1}{2}$; (all)
 Sec. 35, lots 1-4, $N\frac{1}{2}$, $N\frac{1}{2}S\frac{1}{2}$. (all)
 Containing 11,113.55 acres, more or less of surface and minerals.

T. 16 S. R 8 E.,
 Sec. 11, $NE\frac{1}{4}SW\frac{1}{4}$;
 Sec. 13, $W\frac{1}{2}SE\frac{1}{4}$.
 Containing 120.00 acres, more or less of surface estate only.

T. 16 S. R 8 E.,
 Sec. 15, $NE\frac{1}{4}SW\frac{1}{4}$, $NW\frac{1}{4}SE\frac{1}{4}$;
 Sec. 31, lots 8, 10-12, 14.
 Containing 128.05 acres, more or less of mineral estate only.

T. 17 S., R. 8 E.,
 Sec. 1, lots 1-4, $S\frac{1}{2}N\frac{1}{2}$, $N\frac{1}{2}SW\frac{1}{4}$, $SW\frac{1}{4}SW\frac{1}{4}$, $SE\frac{1}{4}$;
 Sec. 3, lots 1-8, $N\frac{1}{2}$; (all)
 Sec. 4, lots 1-8, $N\frac{1}{2}$; (all)
 Sec. 5, lots 1, 2, 6-12, $N\frac{1}{2}SW\frac{1}{4}$;
 Sec. 6, lots 6, 7, $SE\frac{1}{4}SW\frac{1}{4}$, $SW\frac{1}{4}SE\frac{1}{4}$;
 Sec. 7, lots 1-10, $NE\frac{1}{4}$, $E\frac{1}{2}SW\frac{1}{4}$, $SE\frac{1}{4}$; (all)
 Sec. 8, lots 1-12, $NW\frac{1}{4}NE\frac{1}{4}$, $N\frac{1}{2}NE\frac{1}{4}NW\frac{1}{4}$, $N\frac{1}{2}S\frac{1}{2}NE\frac{1}{4}NW\frac{1}{4}$,
 $SW\frac{1}{4}SW\frac{1}{4}NE\frac{1}{4}NW\frac{1}{4}$, $SE\frac{1}{4}SE\frac{1}{4}NE\frac{1}{4}NW\frac{1}{4}$, $W\frac{1}{2}NW\frac{1}{4}$;
 Sec. 9, $SE\frac{1}{4}NE\frac{1}{4}$, $NE\frac{1}{4}NW\frac{1}{4}$, $SW\frac{1}{4}$, $NE\frac{1}{4}SE\frac{1}{4}$;
 Sec. 10, $N\frac{1}{2}$, $N\frac{1}{2}S\frac{1}{2}$;
 Sec. 11, $N\frac{1}{2}NE\frac{1}{4}$, $SE\frac{1}{4}NE\frac{1}{4}$, $W\frac{1}{2}$;
 Sec. 12, $N\frac{1}{2}NE\frac{1}{4}NE\frac{1}{4}$, $NE\frac{1}{4}SE\frac{1}{4}NE\frac{1}{4}NE\frac{1}{4}$, $N\frac{1}{2}NW\frac{1}{4}NE\frac{1}{4}$, $SW\frac{1}{4}NW\frac{1}{4}NE\frac{1}{4}$,
 $W\frac{1}{2}SE\frac{1}{4}NW\frac{1}{4}NE\frac{1}{4}$, $W\frac{1}{2}NW\frac{1}{4}$;
 Sec. 14, $S\frac{1}{2}SW\frac{1}{4}$, $SW\frac{1}{4}SE\frac{1}{4}$;
 Sec. 15, $S\frac{1}{2}NW\frac{1}{4}$, $S\frac{1}{2}$;
 Sec. 17, all;
 Sec. 18, lots 1-4, $E\frac{1}{2}$, $E\frac{1}{2}W\frac{1}{2}$; (all)
 Sec. 19, lots 1-12, $E\frac{1}{2}$; (all)
 Secs. 20 and 21, all;
 Sec. 22, lots 1-10, $NE\frac{1}{4}$, $SW\frac{1}{4}$; (all)
 Sec. 23, $NW\frac{1}{4}NE\frac{1}{4}$, $NE\frac{1}{4}NW\frac{1}{4}$, $W\frac{1}{2}W\frac{1}{2}$, $SE\frac{1}{4}SW\frac{1}{4}$, $SW\frac{1}{4}SE\frac{1}{4}$;
 Sec. 26, $NW\frac{1}{4}NE\frac{1}{4}$, $NW\frac{1}{4}$;
 Sec. 27, lots 1-4, $W\frac{1}{2}E\frac{1}{2}$, $W\frac{1}{2}$; (all)
 Secs. 28 and 29, all;
 Sec. 30, lots 1-12, $E\frac{1}{2}$; (all)
 Sec. 31, lots 1-12, $E\frac{1}{2}$; (all)
 Sec. 33, all;
 Sec. 34, lots 1-4, $W\frac{1}{2}E\frac{1}{2}$, $W\frac{1}{2}$. (all)
 Containing 14,587.26 acres, more or less of surface and minerals.

T. 17 S., R. 8 E.,
Sec. 11, SW $\frac{1}{4}$ NE $\frac{1}{4}$.
Containing 40.00 acres, more or less of surface estate only.

T. 17 S., R. 8 E.,
Sec. 8, SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$.
Containing 5.00 acres, more or less of mineral estate only.

T. 18 S., R. 8 E.,
Sec. 5, lots 1, 2, 5 and 6, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$; (all)
Sec. 6, lots 3-9, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$; (all)
Containing 1,281.81 acres, more or less of surface and minerals.

T. 13 S., R. 9 E.,
Sec. 26, W $\frac{1}{2}$ W $\frac{1}{2}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$;
Sec. 27, E $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$;
Sec. 28, SE $\frac{1}{4}$;
Sec. 33, NE $\frac{1}{4}$ NE $\frac{1}{4}$;
Sec. 34, N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$;
Sec. 35, N $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, SE $\frac{1}{4}$.
Containing 2,040.00 acres, more or less of surface and minerals.

T. 13 S., R. 9 E.,
Sec. 35, SE $\frac{1}{4}$ NE $\frac{1}{4}$.
Containing 40.00 acres, more or less of mineral estate only.

T. 14 S., R. 9 E.,
Sec. 4, lot 2;
Sec. 27, W $\frac{1}{2}$;
Sec. 28, all;
Sec. 29, E $\frac{1}{2}$;
Sec. 30, lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$;
Sec. 31, lots 1-4, E $\frac{1}{2}$ W $\frac{1}{2}$, SE $\frac{1}{4}$;
Sec. 33, all;
Sec. 34, W $\frac{1}{2}$,
Containing 3,044.05 acres, more or less of surface and minerals.

T. 14, S., R. 9 E.,
Sec. 29, S $\frac{1}{2}$ SW $\frac{1}{4}$;
Sec. 30, S $\frac{1}{2}$ SE $\frac{1}{4}$;
Sec. 31, NE $\frac{1}{4}$;
Containing 320.00 acres, more or less of surface estate only.

T. 15 S., R. 9 E.,
Sec. 3, lots 1-7, SW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$; (all)
Sec. 4, lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$; (all)
Sec. 5, lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$; (all)

Sec. 6, lots 1-7, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$; (all)
 Sec. 7, NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$;
 Sec. 8, lots 1-3, N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$;
 Sec. 9, lots 1-4, N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$; (all)
 Sec. 10, lots 1-7, W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$; (all)
 Sec. 17, all;
 Sec. 18, lots 2-4, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$;
 Sec. 19, lots 1-4, E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$; (all)
 Sec. 20, N $\frac{1}{2}$, SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$;
 Sec. 21, N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$;
 Sec. 22, S $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, SE $\frac{1}{4}$;
 Sec. 23, S $\frac{1}{2}$;
 Sec. 24, S $\frac{1}{2}$;
 Sec. 25, NW $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$;
 Secs. 26 and 27, all;
 Sec. 28, E $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$;
 Sec. 29, W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$;
 Sec. 30, lots 1-3, NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$,
 SE $\frac{1}{4}$ SE $\frac{1}{4}$;
 Sec. 31, lots 1-4, E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$; (all)
 Sec. 33, NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$;
 Secs. 34 and 35, all.
 Containing 14,359.75 acres, more or less of surface and minerals.

T. 15 S., R. 9 E.,
 Sec. 20, SE $\frac{1}{4}$ SE $\frac{1}{4}$; (OG/Coal)
 Sec. 30, NE $\frac{1}{4}$ NE $\frac{1}{4}$.
 Containing 80.00 acres, more or less of mineral estate only.

T. 16 S., R. 9 E.,
 Sec. 3, lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$; (all)
 Sec. 4, lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$; (all)
 Sec. 5, lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$; (all)
 Sec. 6, lots 1-7, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$; (all)
 Sec. 7, lots 1-4, E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$; (all)
 Secs. 8 and 9, all;
 Sec. 17, all;
 Sec. 18, lots 1-4, E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$; (all)
 Sec. 19, lots 1-3, E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$;
 Secs. 20 and 29, all;
 Sec. 30, N $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$,
 SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, E $\frac{1}{2}$ W $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$;
 Sec. 31, lots 1-4, E $\frac{1}{2}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$.
 Containing 8,440.04 acres, more or less of surface and minerals.

T. 16 S., R. 9 E.,
Sec. 31, NE $\frac{1}{4}$ NW $\frac{1}{4}$.
Containing 40.00 acres, more or less or surface estate only.

T. 16 S., R. 9 E.,
Sec. 30, S $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ W $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$; (OG/Coal)
NE $\frac{1}{4}$ NW $\frac{1}{4}$. (minerals only)
Containing 75.00 acres, more or less of minerals estate only.

T. 17 S., R. 9 E.,
Sec. 6, lots 1-7, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$;
Sec. 7, lot 1, N $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$.
Containing 836.37 acres, more or less of surface and minerals.

The land described above aggregates 57,720.60 acres, more or less of surface and minerals, 520.00 acres, more or less of surface only, and 368.05 acres, more or less of mineral estate only.

Including all water rights associated with the land described above.

NOW KNOW YE, that there is, therefore, granted by the UNITED STATES, unto the State of Utah, School and Institutional Trust Lands, Administration, the land described above; TO HAVE AND TO HOLD the said land with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereunto belonging, unto the State of Utah, School and Institutional Trust Lands, Administration, and to its successors and assigns, forever; and

EXCEPTING AND RESERVING TO THE UNITED STATES:

1. A right-of-way thereon for ditches and canals constructed by the authority of the United States. Act of August 30, 1890 (43 U.S.C. 945).

SUBJECT TO:

1. Those rights for a highway, granted to the Federal Highway Administration, its successors and assigns, by right-of-way number UTSL-062839, pursuant to the Act of November 9, 1921 (42 Stat. 216);
2. Those rights for a highway, granted to the Federal Highway Administration, its successors and assigns, by right-of-way number UTSL-065110, pursuant to the Act of November 9, 1921 (42 Stat. 216);
3. Those rights for a water facility, granted to the Bureau of Reclamation, its successors and assigns, by right-of-way number UTU-0136483, pursuant to the Act of January 13, 1916, 44 LD 513;
4. Those rights for a sanitary landfill, granted to the U. S. Forest Service, its successors and assigns, by right-of-way number UTU-23630, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

5. Those rights for an access road, granted to the U. S. Forest Service, its successors and assigns, by right-of-way number UTU-23637, pursuant to the Act of January 21, 1895 (28 Stat. 635);
6. Those rights for a stock water pipeline, granted to the Bureau of Land Management, its successors and assigns, by right-of-way number UTU-54715, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
7. Those rights for a water facility and pipeline, granted to the Bureau of Land Management, its successors and assigns, by right-of-way number UTU-54742, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
8. Those rights for a road facility, granted to the Bureau of Land Management, its successors and assigns, by right-of-way number UTU-65019, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
9. Those rights for a water facility, granted to the Bureau of Reclamation, its successors and assigns, by right-of-way number UTU-67433, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
10. Those rights for a railroad line and station, granted to Utah Railroad, its successors and assigns, by right-of-way number UTSL-013822, pursuant to the Act of March 3, 1875 (18 Stat. 482);
11. Those rights for a railroad line, granted to Utah Railroad, its successors and assigns, by right-of-way number UTSL-015794, pursuant to the Act of March 3, 1875 (18 Stat. 482);
12. Those rights for a 12.5 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTSL-064692, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
13. Those rights for a 44 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTSL-065891, pursuant to the Act of March 4, 1911 (36 Stat. 1253; U.S.C. 961);
14. Those rights for a 12.5 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTSL-069896, pursuant to the Act of March 4, 1911 (36 Stat. 1253; U.S.C. 961);
15. Those rights for a 44 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-016754, pursuant to the Act of March 4, 1911 (36 Stat. 1253; U.S.C. 961);
16. Those rights for a 7.2 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-025299, pursuant to the Act of February 15, 1901 (31 Stat. 0790);
17. Those rights for a 46 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-058230, pursuant to the Act of March 4, 1911 (36 Stat. 1253; U.S.C. 961);

18. Those rights for a water pipeline, granted to the City of Huntington, its successors and assigns, by right-of-way number UTU-0124748, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
19. Those rights for a gas pipeline, granted to Questar Pipeline, its successors and assigns, by right-of-way number UTU-0146663, pursuant to the Act of February 25, 1920 (41 Stat. 449);
20. Those rights for a 46 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-1082, pursuant to the Act of March 4, 1911 (36 Stat. 1253; U.S.C. 961);
21. Those rights for an irrigation facility, granted to John Nielson, his successors and assigns, by right-of-way UTU-8313, pursuant to the Act of March 3, 1891 (26 Stat. 1101);
22. Those rights for a 13 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-13244, pursuant to the Act of March 4, 1911 (36 Stat. 1253; U.S.C. 961);
23. Those rights for a water facility, granted to North Emery Water Users, its successors and assigns, by right-of-way number UTU-16680, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
24. Those rights for a 46 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-20384, pursuant to the Act of March 4, 1911 (36 Stat. 1253; U.S.C. 961);
25. Those rights for a 345 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-22141, pursuant to the Act of March 4, 1911 (36 Stat. 1253; U.S.C. 961);
26. Those rights for a tramroad, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-24788, pursuant to the Act of January 21, 1895 (28 Stat. 635);
27. Those rights for a 345 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-31815, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
28. Those rights for a buried communications line, granted to U.S. West Communications, its successors and assigns, by right-of-way number UTU-32293, pursuant to the Act of March 4, 1911 (36 Stat. 1253);
29. Those rights for a water line and facility, granted to the City of Huntington, its successors and assigns, by right-of-way number UTU-34417, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
30. Those rights for a 345 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-39936, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
31. Those rights for an access road, crusher site and storage area, granted to Geneva Rock Products, their successors and assigns, by right-of-way number UTU-40392, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

32. Those rights for an access road, granted to Carbon County Survey, their successors and assigns, by right-of-way number UTU-45810, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
33. Those rights for a telephone line, granted to U.S. West Communications, their successors and assigns, by right-of-way number UTU-47129, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
34. Those rights for a water storage facility, granted to the City of Huntington, their successors and assigns, by right-of-way number UTU-49761, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
35. Those rights for an access road, granted to F L Energy Corp., their successors and assigns, by right-of-way number UTU-50153, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
36. Those rights for an access road, granted to Chandler & Associates, LLC, their successors and assigns, by right-of-way number UTU-50221, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
37. Those rights for relocated county road, granted to Carbon County Commission, their successors and assigns, by right-of-way number UTU-50147, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
38. Those rights for an access road, granted to F L Energy Corp., their successors and assigns, by right-of-way number UTU-50166, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
39. Those rights for a natural gas pipeline and compressor site, granted to Rancho Pipeline Company, their successors and assigns, by right-of-way number UTU-52402, pursuant to the Act of February 25, 1920 (41 Stat. 449);
40. Those rights for an access road, granted to Andalex Resources, their successors and assigns, by right-of-way number UTU-52810, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
41. Those rights for a telephone line, granted to Emery Telephone, their successors and assigns, by right-of-way number UTU-53808, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
42. Those rights for a county road, granted to Carbon County Commission, their successors and assigns, by right-of-way number UTU-54688, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);
43. Those rights for an access road, granted to Frank Feichko, his successors and assigns, by right-of-way number UTU-54752, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for an ash disposal site, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-57138, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for a water facility, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-59974, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for an RS2477 administrative determination (county road 301), granted to Emery County, its successors and assigns, by right-of-way number UTU-66124, pursuant to the Act of July 26, 1866 (RS2477);

Those rights for construction staging areas, granted to Emery County Road Department, its successors and assigns, by right-of-way number UTU-66125, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for a road realignment, granted to Emery County, its successors and assigns, by right-of-way number UTU-66989, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for an access road, granted to Richard Lee, his successors and assigns, by right-of-way number UTU-70122, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for a water facility, granted to Emery Water Conservation District, its successors and assigns, by right-of-way number UTU-70144, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for a telephone line, granted to U.S. West Communications, its successors and assigns, by right-of-way number UTU-70458, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for an access road, granted to River Gas Corporation, its successors and assigns, by right-of-way number UTU-71851, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for an access road, granted to River Gas Corporation, its successors and assigns, by right-of-way number UTU-71852, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for a 138 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-73293, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

Those rights for a 44 kv power line, granted to PacifiCorp, dba UPL, its successors and assigns, by right-of-way number UTU-73299, pursuant to the Act of March 4, 1911 (36 Stat. 1253);

Those rights for a gas pipeline, water line and access road, granted to River Gas Corporation, its successors and assigns, by right-of-way number UTU-74319, pursuant to the Act of February 25, 1920 (41 Stat. 449);

57. Those rights for a buried power line, granted to River Gas Corporation, its successors and assigns, by right-of-way number UTU-74320, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

58. Those rights for a core hole and access road, granted to River Gas Corporation, its successors and assigns, by land use permit number UTU-74336, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761);

59. Those rights for a gas well site, granted to River Gas Corporation, its successors and assigns, by right-of-way number UTU-74348, pursuant to the Act of February 25, 1920 (41 Stat. 449);

60. Those rights for a gas pipeline, water line, buried power line, and access road, granted to River Gas Corporation, its successors and assigns, by right-of-way number UTU-76610, pursuant to the Act of February 25, 1920 (41 Stat. 449);

61. Those rights for a gas pipeline, water line, buried power line, and access road, granted to River Gas Corporation, its successors and assigns, by right-of-way number UTU-77141, pursuant to the Act of February 25, 1920 (41 Stat. 449);

62. Those uses authorized by a free use permit for sand and gravel, granted to Emery County, its successors and assigns, by free use permit number UTU-66306, pursuant to the Act of July 31, 1947 (61 Stat. 681);

63. Those uses authorized by a free use permit for stone and riprap, granted to Emery County, its successors and assigns, by free use permit number UTU-66307, pursuant to the Act of July 31, 1947 (61 Stat. 681);

64. Domestic livestock grazing use by Boyd L. Marsing, as holder of grazing permittee No. 437055, for the Canyon Allotment (#34018);

65. Domestic livestock grazing use by Steve Stamatakis, as holder of grazing permittee No. 437081, for the Consumers Wash Allotment (#34028);

66. Domestic livestock grazing use by Pete Stamatakis, as holder of grazing permittee No. 437091, for the Consumers Wash Allotment (#34028);

67. Domestic livestock grazing use by Rainbow Glass Ranch, as holder of grazing permittee No. 437544, for the East Grimes Allotment (#35020);

68. Domestic livestock grazing use by Glen E. Jensen, as holder of grazing permittee No. 437038, for the Haley Canyon Allotment (#34051);

69. Domestic livestock grazing use by Jimmy Allred, as holder of grazing permittee No. 437003, for the Hiawatha Allotment (#24052);

70. Domestic livestock grazing use by Boyd L. Marsing, as holder of grazing permittee No. 437003, for the Miller Creek Allotment (#34074);

Domestic livestock grazing use by Hatch Livestock, as holder of grazing permittee No. 437047, for the Mohrland Allotment (#04105);

72. Domestic livestock grazing use by Sherrel Ward, as holder of grazing permittee No. 437536, for the North Huntington Allotment (#35053);

73. Domestic livestock grazing use by Earl Gordon, as holder of grazing permittee No. 437550, for the North Huntington Allotment (#35053);

74. Domestic livestock grazing use by Courtney Guymon, as holder of grazing permittee No. 437553, for the North Huntington Allotment (#35053);

75. Domestic livestock grazing use by Starr Hall Guymon, as holder of grazing permittee No. 437554, for the North Huntington Allotment (#35053);

76. Domestic livestock grazing use by Keith Larsen, as holder of grazing permittee No. 437592, for the North Huntington Allotment (#35053);

77. Domestic livestock grazing use by Lee Lemmon, as holder of grazing permittee No. 437595, for the North Huntington Allotment (#35053);

78. Domestic livestock grazing use by Hatch Livestock, as holder of grazing permittee No. 437585, for the North Huntington Allotment (#35053);

79. Domestic livestock grazing use by Kurt Brasher, as holder of grazing permittee No. 437569, for the North Huntington Allotment (#35053);

80. Domestic livestock grazing use by Larson Brothers, as holder of grazing permit No. 437689, for the North Huntington Allotment (#35053);

81. Domestic livestock grazing use by Lee and Leon McElprang, as holder of grazing permittee No. 437711 for the North Huntington Allotment (#35053);

82. Domestic livestock grazing use by Larry Guymon, as holder of grazing permittee No. 437712 for the North Huntington Allotment (#35053);

83. Domestic livestock grazing use by Frank Feichko, as holder of grazing permittee No. 437115 for the North Spring Allotment (#34082);

84. Domestic livestock grazing use by West Price Grazing, as holder of grazing permittee No. 437117 for the Pinnacle Bench Allotment (#34090);

85. Domestic livestock grazing use by Steve Stamatakis, as holder of grazing permittee No. 437081 for the Pinnacle Bench Allotment (#34090);

86. Domestic livestock grazing use by Pete Stamatakis, as holder of grazing permittee No. 437091 for the Pinnacle Bench Allotment (#34090);

Domestic livestock grazing use by Evan R. Muth, as holder of grazing permittee No. 437116 for the Poison Spring Bench Allotment (#24091);

38. Domestic livestock grazing use by West Price Grazing, as holder of grazing permittee No. 437117 for the Porphory Bench Allotment (#34093);

39. Domestic livestock grazing use by Jimmy Allred, as holder of grazing permittee No. 437003 for the Washboard Allotment (#04115);

30. Domestic livestock grazing use by William Allred, as holder of grazing permittee No. 437005 for the Washboard Allotment (#04115);

91. Domestic livestock grazing use by M. James Atwood, as holder of grazing permittee No. 437007 for the Washboard Allotment (#04115);

92. Domestic livestock grazing use by Wayne Fillmore, as holder of grazing permittee No. 437020 for the Washboard Allotment (#04115);

93. Domestic livestock grazing use by Benny L. Allred, as holder of grazing permittee No. 437029 for the Washboard Allotment (#04115);

94. Domestic livestock grazing use by Duane Jensen, as holder of grazing permittee No. 437036 for the Washboard Allotment (#04115);

95. Domestic livestock grazing use by C. Merwin Johansen, as holder of grazing permittee No. 437040 for the Washboard Allotment (#04115);

96. Domestic livestock grazing use by Duane K. Jensen, as holder of grazing permittee No. 437046 for the Washboard Allotment (#04115);

97. Domestic livestock grazing use by Boyd L. Marsing, as holder of grazing permittee No. 437055 for the Washboard Allotment (#04115);

98. Domestic livestock grazing use by Ralph Mossman, as holder of grazing permittee No. 437077 for the Wattis Allotment (#14118);

99. Domestic livestock grazing use by Chall Dean Cook, as holder of grazing permittee No. 437530 for the West Huntington Allotment (#25092);

100. Domestic livestock grazing use by Earl Gordon, as holder of grazing permittee No. 437550 for the West Huntington Allotment (#25092);

101. Domestic livestock grazing use by Starr Hal Guymon, as holder of grazing permittee No. 437554 for the West Huntington Allotment (#25092);

102. Domestic livestock grazing use by Lee Lemmon, as holder of grazing permittee No. 437595 for the West Huntington Allotment (#25092);

103. Domestic livestock grazing use by Lee and Leon McElprang, as holder of grazing permittee No. 437711 for the West Huntington Allotment (#25092);
104. Domestic livestock grazing use by Lee McElprang, as holder of grazing permittee No. 437607 for the West Huntington Allotment (#25092);
105. Domestic livestock grazing use by Ray Stokes, as holder of grazing permittee No. 437647 for the West Huntington Allotment (#25092);
106. Domestic livestock grazing use by Hatch Livestock, as holder of grazing permittee No. 437585 for the West Huntington Allotment (#25092);
107. Domestic livestock grazing use by Thomas R. McElprang, as holder of grazing permittee No. 437683 for the West Huntington Allotment (#25092);
108. Domestic livestock grazing use by Rufus Wilberg Estate, as holder of grazing permittee No. 437656 for the Wilberg Allotment (#25094);
109. Domestic livestock grazing use by Wayne R. Wilberg, as holder of grazing permittee No. 437657 for the Wilberg Allotment (#25094);
110. Those rights for a oil and gas lease, UTU-65289, issued on April 13, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
111. Those rights for a oil and gas lease, UTU-62623, issued on November 13, 1987, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
112. Those rights for a oil and gas lease, UTU-60078, issued on August 1, 1986, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
113. Those rights for a oil and gas lease, UTU-61156, issued on February 27, 1987, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
114. Those rights for a oil and gas lease, UTU-61155, issued on January 12, 1987, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
115. Those rights for a oil and gas lease, UTU-60925, issued on November 25, 1986, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
116. Those rights for a oil and gas lease, UTU-61154, issued on January 21, 1987, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
117. Those rights for a oil and gas lease, UTU-68535, issued on September 12, 1991, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);

118. Those rights for a oil and gas lease, UTU-70400, issued on October 2, 1992, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
119. Those rights for a oil and gas lease, UTU-72052, issued on June 9, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
120. Those rights for a oil and gas lease, UTU-72378, issued on September 27, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
121. Those rights for a oil and gas lease, UTU-72619, issued on December 14, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
122. Those rights for a oil and gas lease, UTU-72620, issued on December 14, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
123. Those rights for a oil and gas lease, UTU-73058, issued on March 18, 1994, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
124. Those rights for a oil and gas lease, UTU-73876, issued on March 22, 1995, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
125. Those rights for a oil and gas lease, UTU-74377, issued on June 16, 1995, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
126. Those rights for a oil and gas lease, UTU-18125, issued on October 26, 1972, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
127. Those rights for a oil and gas lease, UTU-18128, issued on October 25, 1972, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
128. Those rights for a oil and gas lease, UTU-65290, issued on April 13, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
129. Those rights for a oil and gas lease, UTU-65291, issued on April 13, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
130. Those rights for a oil and gas lease, UTU-65292, issued on April 13, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
131. Those rights for a oil and gas lease, UTU-65294, issued on April 17, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
132. Those rights for a oil and gas lease, UTU-68542, issued on September 5, 1991, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);

133. Those rights for a oil and gas lease, UTU-72359, issued on September 15, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
134. Those rights for a oil and gas lease, UTU-72621, issued on December 14, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
135. Those rights for a oil and gas lease, UTU-72747, issued on March 17, 1994, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
136. Those rights for a oil and gas lease, UTU-73877, issued on March 22, 1995, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
137. Those rights for a oil and gas lease, UTU-74378, issued on June 15, 1995, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
138. Those rights for a oil and gas lease, UTU-49631, issued on December 15, 1981, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
139. Those rights for a oil and gas lease, UTU-49931, issued on February 19, 1982, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
140. Those rights for a oil and gas lease, UTU-51584, issued on October 29, 1982, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
141. Those rights for a oil and gas lease, UTU-53872, issued on January 1, 1982, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
142. Those rights for a oil and gas lease, UTU-76333, issued on June 1, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
143. Those rights for a oil and gas lease, UTU-16172, issued on August 31, 1971, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
144. Those rights for a oil and gas lease, UTU-50646, issued on April 15, 1982, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
145. Those rights for a oil and gas lease, UTU-50941, issued on July 1, 1982, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
146. Those rights for a oil and gas lease, UTU-65205, issued on April 13, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
147. Those rights for a oil and gas lease, UTU-65296, issued on April 17, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);

148. Those rights for a oil and gas lease, UTU-65297, issued on April 17, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
149. Those rights for a oil and gas lease, UTU-65946, issued on September 22, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
150. Those rights for a oil and gas lease, UTU-69450, issued on June 24, 1992, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
151. Those rights for a oil and gas lease, UTU-69451, issued on June 24, 1992, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
152. Those rights for a oil and gas lease, UTU-69452, issued on June 24, 1992, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
153. Those rights for a oil and gas lease, UTU-69453, issued on June 24, 1992, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
154. Those rights for a oil and gas lease, UTU-69454, issued on June 24, 1992, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
155. Those rights for a oil and gas lease, UTU-70875, issued on December 11, 1992, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
156. Those rights for a oil and gas lease, UTU-72005, issued on June 3, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
157. Those rights for a oil and gas lease, UTU-72351, issued on September 24, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
158. Those rights for a oil and gas lease, UTU-73003, issued on March 9, 1994, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
159. Those rights for a oil and gas lease, UTU-73657, issued on December 5, 1994, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
160. Those rights for a oil and gas lease, UTU-73658, issued on December 6, 1994, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
161. Those rights for a oil and gas lease, UTU-75017, issued on May 1, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);

162. Those rights for a oil and gas lease, UTU-75020, issued on April 1, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
163. Those rights for a oil and gas lease, UTU-77350, issued on May 1, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
164. Those rights for a oil and gas lease, UTU-77352, issued on April 1, 1994, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
165. Those rights for a oil and gas lease, UTU-77850, issued on July 1, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
166. Those rights for a oil and gas lease, UTU-65301, issued on April 17, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
167. Those rights for a oil and gas lease, UTU-68543, issued on September 5, 1991, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
168. Those rights for a oil and gas lease, UTU-72624, issued on December 14, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
169. Those rights for a oil and gas lease, UTU-72625, issued on December 14, 1993, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
170. Those rights for a oil and gas lease, UTU-65305, issued on April 17, 1989, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
171. Those rights for a oil and gas lease, UTU-18126, issued on October 25, 1972, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
172. Those rights for a coal lease, UTU-18126, issued on January 5, 1958, pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (101 Stat. 1330; 30 U.S.C. 181 et seq.);
173. Those rights for an access road, granted to Chandler & Associates, LLC, its successors and assigns, by right-of-way number UTU-50221, pursuant to the Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761); and

174. Those rights, if any, for mining claims.

Further subject to all applicable provisions of that certain Agreement to Exchange Utah School Trust Lands Between the State of Utah and the United States of America, dated May 8, 1998, as ratified by the Utah Schools and Lands Trust Act of 1998, Public Law 105-335 (112 Stat. 3139), including, without limitation, Section 4(A) (Valid Existing Rights), Section 7 (Grazing Permits) and Section 9 (Surface Use and Rights of Way).



IN TESTIMONY WHEREOF, the undersigned authorized officer of the Bureau of Land Management, in accordance with the provisions of the Act of June 17, 1948 (62 Stat. 476), has, in the name of the United States, caused these letters to be made Patent, and the Seal of the Bureau to be hereunto affixed.

GIVEN under my hand, in Salt Lake City, Utah
the Seventh day of January
In the year of our Lord one thousand nine hundred and
Ninety-Nine and of the Independence of the
United States the two hundred and Twenty-Third

By


G. William Lamb
State Director

Patent Number 43-99-0010

WHEN RECORDED RETURN TO:

Utah School & Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, Utah 84102

ASSIGNMENT OF CONTRACTS

Ferron Field

Effective this 7th day of January, 1999 (the "Effective Date"), THE UNITED STATES OF AMERICA, acting by and through the Department of Interior, Bureau of Land Management, Utah State Office, 324 South State Street, Salt Lake City, Utah 84111 ("Assignor"), for good and valuable consideration, receipt of which is hereby acknowledged, hereby assigns and transfers to the STATE OF UTAH, acting by and through the School and Institutional Trust Lands Administration, 675 East 500 South, Suite 500, Salt lake City, Utah 84102 ("Assignee"), all of Assignor's right, title and interest in and to those contracts described in Exhibit "A", a copy of which is attached hereto and incorporated by reference (the "Contracts").

This assignment is intended to transfer the entire right, title and interest of the Assignor in all leases, permits, rights-of-way, easements and other contracts encumbering or relating to lands within the above-referenced tract, which lands are being conveyed by Assignor to Assignee concurrently with this Assignment pursuant to the Utah Schools and Land Exchange Act of 1998, Pub. L. No. 105-335, 112 Stat. 3139.

As of the Effective Date, Assignee hereby assumes and agrees to perform and discharge all obligations and liabilities of Assignor under the terms and conditions of the contracts; provided, however, that Assignee does not assume any liabilities accruing prior to the Effective Date, or arising out of the breach of the Contracts by Assignor.

The undersigned hereby acknowledge and affirm to the below-named notaries public that: (1) they hold the positions or title set forth below; (2) they executed the foregoing document on behalf of the above-named entity by proper authority; and (3) the foregoing document was the act of such entity for the purposes stated herein.

Dated as of the date first set forth above.

UNITED STATES OF AMERICA
Department of Interior, Bureau of Land
Management ("Assignor")

By: 

State Director

STATE OF UTAH, School & Institutional
Trust Lands Administration ("Assignee")

By: _____

Assistant Director

ACKNOWLEDGMENTS

STATE OF UTAH)

SS:

COUNTY OF SALT LAKE)

The foregoing instrument was acknowledged before me this 7th Day of January, 1999,
by E. William Lamb, the State Director of the United States of
America, Department of Interior, Bureau of Land Management ("Assignor").

Shirley M. Durrant

Notary Public

STATE OF UTAH)

SS:

COUNTY OF SALT LAKE)

The foregoing instrument was acknowledged before me this 7th Day of January,
1999, by James D. Cooper, the Assistant Director of the State of Utah, School
& Institutional Trust Lands Administration ("Assignee")

Shirley M. Durrant

Notary Public

NITROGEN SERVICE PRICING SHEETS
LAND - INLAND WATERS

CUSTOMER F.L Energy Corp
FT# 472-1804

DISTRICT NO. Fruita 472
TOTAL N₂ USED 150,000

PRICE REF#

100-__10/15 MINIMUM SERVICE CHARGE: _____ UNITS
HIGH RATE UNITS: _____ UNITS @ 3000 S.C.F. ea. = \$ 595.00

100-__11 NITROGEN CHARGES:
a). FIRST 25,000 SCF @ \$ 1.75 = \$ 437.50
b). NEXT 25,000 SCF @ \$ 1.65 = \$ 412.50
c). ADD'L 100,000 SCF @ \$ 1.55 = \$ 1550.00

100-__12 TIME CHARGES Two Free with hook up
a). MANNED TIME 11 hrs @ \$ 65.00 = \$ 585.00
b). UNMANNED TIME _____ hrs @ \$ _____ = \$ _____
c). TRANSPORT TIME _____ hrs @ \$ _____ = \$ _____
d). HIGH RATE TIME _____ hrs @ \$ _____ = \$ _____

100-__19 CREW TRAVEL TIME _____ men/hrs @ \$ _____ = \$ _____

100-__13 MILEAGE CHARGES
a). STANDARD PUMPER 125 miles @ \$ 2.15 = \$ 268.75
b). TRANSPORT MILEAGE _____ miles @ \$ _____ = \$ _____
c). AUTO/PICKUP MILEAGE 125 miles @ \$.80 = \$ 100.00

100-__14 INCOMPLETE SERVICE _____ Units @ \$ _____ = \$ _____

100-__16 EXCESSIVE PRESSURE CHARGES
a). _____ to _____ Units @ \$ _____ = \$ _____
b). _____ to _____ Units @ \$ _____ = \$ _____
c). _____ to _____ Units @ \$ _____ = \$ _____
d). _____ to _____ Units @ \$ _____ = \$ _____
e). ALL OVER _____ Units @ \$ _____ = \$ _____

100-__16 EQUIPMENT RENTALS
a). ATOMIZER _____ = \$ _____
b). H₂S SAFETY EQUIPMENT _____ Units @ _____ Days = \$ _____
c). H₂S SAFETY TRAILER _____ Units @ _____ Days = \$ _____
d). FOAM: _____ Gallons @ \$ _____ = \$ _____

1016 REMOTE LOCATION SUBSISTENCE
_____ men/_____ nights @ \$ _____ = \$ _____

1018 ADDITIONAL SUPERVISION
Nitrogen - Land _____ Men @ _____ Days \$ _____ = \$ _____
Nitrogen - MARINE _____ Men @ _____ Days \$ _____ = \$ _____

20-__ ROYALTIES
_____ SCF @ \$ _____ = \$ _____
_____ SCF @ \$ _____ = \$ _____

20-__ FOAM ROYALTY:HRS. _____ & SCF OF NITROGEN USED _____ = \$ _____

TOTAL \$ 3948.75

ADDITIONAL BILLING TO FOLLOW

NITROGEN SERVICE PRICING SHEETS
LAND - INLAND WATERS

CUSTOMER F.L Energy Corp
FT# 472-1804

DISTRICT NO. Fruita 472
TOTAL N₂ USED 150,000

PRICE REF#

100- 10/15 MINIMUM SERVICE CHARGE: _____ UNITS
HIGH RATE UNITS: 1 UNITS @ 3000 S.C.F. ea. = \$ 595.00

100- 11 NITROGEN CHARGES:
a). FIRST 25,000 SCF @ \$ 1.75 = \$ 437.50
b). NEXT 25,000 SCF @ \$ 1.65 = \$ 412.50
c). ADD'L 100,000 SCF @ \$ 1.55 = \$ 1,550.00

100- 12 TIME CHARGES
a). MANNED TIME 11 hrs @ \$ 65.00 = \$ 585.00 *Two Free with hook up*
b). UNMANNED TIME _____ hrs @ \$ _____ = \$ _____
c). TRANSPORT TIME _____ hrs @ \$ _____ = \$ _____
d). HIGH RATE TIME _____ hrs @ \$ _____ = \$ _____

100- 19 CREW TRAVEL TIME _____ men/hrs @ \$ _____ = \$ _____

100- 13 MILEAGE CHARGES
a). STANDARD PUMPER 125 miles @ \$ 2.15 = \$ 268.75
b). TRANSPORT MILEAGE _____ miles @ \$ _____ = \$ _____
c). AUTO/PICKUP MILEAGE 125 miles @ \$.80 = \$ 100.00

100- 14 INCOMPLETE SERVICE _____ Units @ \$ _____ = \$ _____

100- 16 EXCESSIVE PRESSURE CHARGES
a). _____ to _____ Units @ \$ _____ = \$ _____
b). _____ to _____ Units @ \$ _____ = \$ _____
c). _____ to _____ Units @ \$ _____ = \$ _____
d). _____ to _____ Units @ \$ _____ = \$ _____
e). ALL OVER _____ = \$ _____

100- 16 EQUIP
a). Ed, _____ Days = \$ _____
b). _____ Days = \$ _____
c). _____ Days = \$ _____
d). _____ Days = \$ _____

1016 REMOTE Find out what BLM thinks of this _____ Days = \$ _____

1018 ADDITION Well. Will they allow it to remain nonproducing _____ Days \$ _____ = \$ _____

20- _____ Nitro is unplugged? _____ Days \$ _____ = \$ _____

20- _____ ROYALTY _____ = \$ _____

20- _____ FOAM RO Contact man Miles _____ SED _____ = \$ _____

Price BLM require well PM'd early 06
Alken FL - Energy new operator
Marshall - 60078 Sept. 5-year

TOTAL \$ 3948.75

ADDITIONAL BILLING TO FOLLOW

WASATCH RESOURCES & MINERALS INC.

Steven Lund
95 East 400 North
Manti, UT 84642

Off: (435) 835-4246
Res. (435) 835-424
Fax: (435) 835-424

May 3, 1999

Mr. Robert J. Kruger

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Sundry Notices for shut-in wells and temporarily abandoned wells in compliance review

Dear Bob:

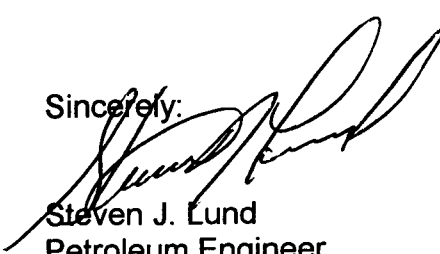
In response to you letter of February 23, 1999, which was received by FL Energy on March 1, 1999, I have complied the necessary sundry notices for the following wells:

Well API #

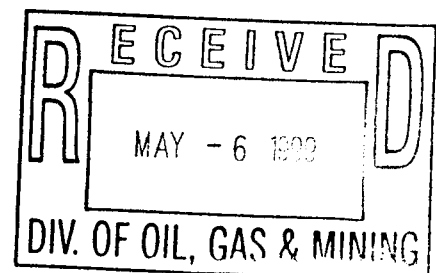
43-015-30103
43-015-30070
43-015-30135
43-015-30133
43-015-15676
43-015-30095

If there is any additional information you require please contact me at the above address or telephone number

Sincerely:


Steven J. Lund
Petroleum Engineer

cc: Paul Pullman
Henry Alker



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER ☐

2. Name of Operator:
FL Energy

3. Address and Telephone Number:
2020 East 3300 South, Suite 23

4. Location of Well

Footage: 460 ft. FSL 800 ft. FEL

QQ, Sec., T,R,M.: SE/4 SE/4 Section 27 - T16S - R8E

5. Lease Designation and Serial Number:
U-17416

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name:

8. Well Name and Number:
Santa Fe Federal 1-27

9. API Well Number:
43-015-30095

10. Field and Pool, or Wildcat:
Ferron Sand

County: Emery
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recomplete
☐ Convert to Injection ☐ Reperforate
☐ Fracture Treat or Acidize ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☒ Other Flow Test the Summer of 1999

SUBSEQUENT REPORT
(Submit Original Form Only)

☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Reperforate
☐ Convert to Injection ☐ Vent or Flare
☐ Fracture Treat or Acidize ☐ Water Shut-Off
☒ Other

Approximate date work will start July, 1999

Date of work completion August, 1999

Report results of Multiple Completions and Recompletions to different reservoirs on WELL
COMPLETION REPORT AND LOG form.
*Must be accompanied by a cement verification report

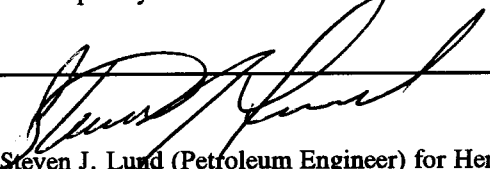
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and vertical depths for all markers and zones pertinent to this work)

This well lies to the south of Drunkards Wash, and may have significant coalbed methane potential.

To test the coalbed methane potential of this well other wells should be drilled in the area to de-water the coal more rapidly

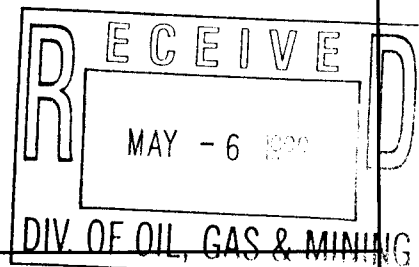
It is therefore requested that this well remain on an inactive status until there is additional coalbed methane development in the area

When this area is developed by others this well will also be re-completed in the Ferron Coal.

13. Name & Signature: 
Steven J. Lund (Petroleum Engineer) for Henry Alker

Title:

Accepted by the
Utah Division of
Oil, Gas and Mining



(This Space for State use only)

(4/94) COPY SENT TO OPERATOR
Date: 6-3-99
Initials: CJD

(See Instructions on Reverse Side)

Date: 5-6-99
By: RJK

Engineering
Wellsite Supervision
Lease Operating

COCHRANE RESOURCES, INC.

P.O. Box 1656
Roosevelt, Utah 84066
Phone (801) 722-5081

RECEIVED

MAR 22 2002

DIVISION OF
OIL, GAS AND MINING

March 20, 2002

State of Utah
Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Attn: Dustin Doucet

Re: State Lease #ML-48184
Henry Alker #1-27

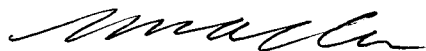
Dear Sir:

As we discussed, please find attached the proposed plugging procedure for the subject well.

If conditions allow we would like to plug the well as soon as possible.

Please advise if you have any questions.

Yours truly,



Ken Allen

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other Instructions on re-
verse side)

Budget Bureau No. 1001-0115
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

ML-48184

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

#1-27

10. FIELD AND POOL, OR WILDCAT

Huntington Dome

11. SEC., T., R., M., OF BLK. AND
SURVEY OR AREA

SE 1/4 SE 1/4

Sec 27, T16S R8E

12. COUNTY OR PARISH 13. STATE

Emery

UT

1. OIL ☐ GAS ☐ OTHER ☒

2. NAME OF OPERATOR

Henry Alker

3. ADDRESS OF OPERATOR

PO Box 1656 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

460' FSL 800 FEL SE 1/4

Sec 27 T16S, R8E

14. PERMIT NO.

43-015-30095

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6850 G.L.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes plugging the 1-27 well in the following manner:

1. Set 300' cement plug from 3156' to 2856' to cover perfs at 3108' to 3159'
2. Set 300' cement plug from 300' to surface inside 4 1/2" csg.
3. Set 100' cement plug from 100' to surface between 4 1/2" csg 7" csg.
4. Erect 4" dry hole marker and reclaim location.

Cement Class A-G 15.8 ppg per Ken Allen 3/27/02

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3/28/02

BY: [Signature]

* See Conditions of Approval

COPY SENT TO OPERATOR

Date: 03-28-02

Initials: C40

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Agent

DATE

March 20, 2002

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

*See Instructions on Reverse Side

MAR 22 2002

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved
Bureau of Land Management

(See
instructions
reverse side)

1. LEASE DESIGNATION AND SERIAL NO.

U-17416

2. IF INDIAN, ALLOCATED BY TRIBAL NAME

3. UNIT ACCESSION NUMBER

4. FARM OR LEASE NAME

Santa Fe-Federal

5. WELL NO.

W-27

6. FIELD AND POOL OR WILDCAT

Huntington Dome

7. SEC. T. R. M. OR BLOCK AND SUBSET OR AREA

SE 1/4 SE 1/4 Sec. 27
T15S R3E

8. COUNTY OR PARISH
Emery

9. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

10. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

11. DATE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DRY ☐ PLUG BACK ☐ DUFF CEMENT ☐ Other

12. NAME OF OPERATOR
E-L Energy Corporation

13. ADDRESS OF OPERATOR
Suite 22, 2020 East 3300 South, Salt Lake City, Utah 84109

14. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 450' ESL 800' FEL (Se 1/4 SE 1/4) Section 27

At top prod. interval reported below As Above

At total depth As Above

15. PERMIT NO. 43-015-30095
DATE ISSUED Aug. 4, 1981

16. DATE RECORDED 8/16/82
17. DATE WELL REACHED 8/22/82
18. DATE COMPLETION (Ready to prod.) Waiting on Final Test
19. ELEVATIONS (OF, REB. ST. OR, ETC.) 6850 G.L.; 6860 M.B.
20. ELEV. CASINGHEAD 5554'

21. TOTAL DEPTH, MD & TVD 3188' M.B.
22. PLUG BACK TO, MD & TVD 2150' M.B.
23. IF MULTIPLE COMPLETIONS, HOW MANY? NONE
24. INTERVALS DRILLED BY ROTARY HOLES 10-3156
25. CABLE TOOL None

26. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Perron Sandstone: 2092-3188'

27. TYPE ELECTRIC AND OTHER LOG RUN
D.I.L., G. Ray, Caliper, Compensated Neutron, Compensated Density
28. WAS WELL CORED No

| 29. CASING RECORD (Report all strings set in well) | | | | | |
|--|----------------|----------------|-----------|---------------------|---------------|
| CASING SIZE | WEIGHT LB./FT. | DEPTH SET (MD) | MOLE SIZE | CEMENTING RECORD | AMOUNT FILLED |
| 7" | 20 LB/FT | 168' | 9 5/8" | Cemented to Surface | None |
| 4 1/2" | 10.5 LB/FT | 3165' | 6 1/4" | 200 sacks C/OV "H" | None |

| 29. LINER RECORD | | | | 30. TUBING RECORD | | |
|------------------|----------|-------------|---------------|-------------------|--------|----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) |
| NO LINER | | | | | 2 3/8" | 3156 NB |

| 31. PERFORATION RECORD (Interval, size and number) | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|--|------|--------|----------|--|----------------------------------|
| INTERVAL | SIZE | NUMBER | | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| 3108 - 3118 (10') | 4SPF | 40 | | 3108 - 3118 | S.M.F. with 55,000 gal. slick |
| 3126 - 3136 (10') | 4SPF | 40 | | 3126 - 3136 | Water containing 95,000 lbs |
| 3155 - 3159 (4') | 4SPF | 16 | | 3155 - 3159 | of 20/40 mesh sand and 567 |
| | | | 96 holes | | MCF of Nitrogen. |

| 33. PRODUCTION | | | | | |
|------------------------|-----------------|-------------------------|--|----------|------------------------------------|
| DATE FIRST PRODUCTION | | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | WELL STATUS (Producing or shut-in) |
| Waiting on P. L. | | | Flowing | | S. I. W. |
| DATE OF TEST | BORE TESTED | CHOKE SIZE | PROD. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. |
| Waiting on better road | | conditions | to perform final test | | |
| FLOW, TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
—Test gas will be vented -- maximum 12 hours

TEST WITNESSED BY

APR 16 1982

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Tom R. [Signature]* TITLE President DATE June 1, 1983

*(See Instructions and Spaces for Additional Data on Reverse Side)

860425 CP

2 1/8"

4 1/2" 10 5 1/4"



DATE March 2002 WELL NO. 1-27 LEASE State FIELD Huntington

Existing Csg and
Proposed Plugs for P+A.

Surface
Plug #3
100' →
7" 20 #/ft Surface Csg.
Set at 168' Cemented to Surface.

Plug #2
→ 168'
300'
Estimated Cement Top. 1360'
Drilled 6 1/4" Hole

4 1/2" 10.5 #/ft Csg
Set at 3185'
Cemented with 200 SKS Class H.

Proposed Plugs:
3156' to 2856' inside 4 1/2" Csg.
300' to Surface inside 4 1/2" Csg.
100' to Surface Between 4 1/2" and 7" Csg.

2856'
Plug #1.
3156'
Pcrt's.
3108-18 4SPF 40
3126-36 4SPF 40
3155-59 4SPF 16
96 Holes.

→ PBTD 3160
T.D. 3185'

COMPANY REP. Ken Allen SERVICE ENG. _____ WELL SERVICE CO. _____
COMPANY Alker LEASE State COUNTY Emery STATE Ut.
CASING SIZE & WT. 4 1/2" 10.5 #/ft. TUBING SIZE & WT. _____

API Well No: 43-015-30095-00-00

Permit No:

Well Name/No: SANTA FE FED 1-27

Company Name: ALKER, HENRY A

Location: Sec: 27 T: 16S R: 8E Spot: SESE

Coordinates: X: 4360624 Y: 499609

Field Name: WILDCAT

County Name: EMERY

String Information

| String | Bottom (ft sub) | Diameter (inches) | Weight (lb/ft) | Length (ft) |
|--------|--------------------|----------------------|-------------------|----------------|
| HOL1 | 168 | 9.625 | | |
| SURF | 168 | 7 | 20 | 168 |
| HOL2 | 3185 | 6.25 | | |
| PROD | 3185 | 4.5 | 10.5 | 3185 |

Bluegate

Cement from 168 ft. to surface

Surface: 7 in. @ 168 ft.

Hole: 9.625 in. @ 168 ft.

Plug 2

$$300' / (1.15)(11.167) = 245K$$

Annuities

$$100' / (1.15)(8.556) = 115K$$

Annuity to 200'

$$168' / (1.15)(8.556) = 175K$$

$$32' / (1.15)(5.093) = 65K$$

Approx. 235K

Cement Information

| String | BOC (ft sub) | TOC (ft sub) | Class | Sacks |
|--------|-----------------|-----------------|-------|-------|
| PROD | 3185 | 0 | H | 200 |
| SURF | 168 | 0 | H | 100 |

Estimated TOC

$$(2005K)(1.18)(5.093) = 1202'$$

$$TOC \approx 1986' \text{ w/209 w/cement}$$

$$TOC_{10} \approx 3188 - 1602 = 1586'$$

w/168 w/cement 3108

Perforation Information

| Top (ft sub) | Bottom (ft sub) | Shts/Ft | No Shts | Dt Squeeze |
|-----------------|--------------------|---------|---------|------------|
| 3108 | 3159 | | | |

Formation Information

| Formation | Depth | Formation | Depth |
|-----------|-------|-----------|-------|
| BLUGT | 0 | | |
| FRSD | 3092 | | |

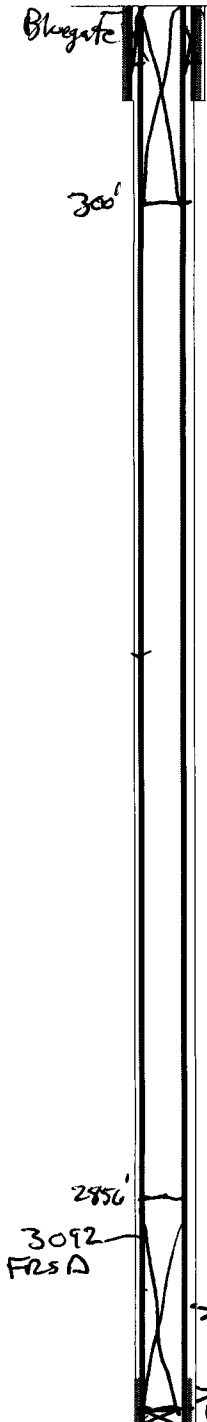
Capacities

$$4\frac{1}{2}" \text{ } 10.5 \text{ ft} = 11.167 \text{ f/cf}$$

$$4\frac{1}{2}" \times 6\frac{1}{4}" \text{ hole} = \frac{[(1.2)(6.25)]^2 - 4.5^2}{183.35} = 0.19635 \text{ cf/ft} = 5.093 \text{ f/cf}$$

$$4\frac{1}{2}" \times 7" = 8.556 \text{ f/cf}$$

$$108 = 6.787 \text{ f/cf}$$



Cement from 3185 ft.

Production: 4.5 in. @ 3185 ft.

Hole: 6.25 in. @ 3185 ft.

Hole: Unknown

PROD 3160

TD:

3188 TVD:

PBTD:



State of Utah
School and Institutional
Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, UT 84102
(801) 538-5100 FAX (801) 355-0922

Date March 27, 2002

| | |
|--|---------------|
| Company Name | |
| Contact Name | Dustin Doucet |
| FAX Number | Phone |
| Sender Ed Bonner | |
| Description | |
| | |
| | |
| | |
| | |
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| | |
| | |
| Number of Pages (including cover) 4 | |

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DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO

3100
UTU-60078
(UT-932)

DEC 31 1998

NOTICE

Henry A. Alker
P.O. Box 194001
San Francisco, CA 94119

: Oil and Gas Lease
: UTU-60078
:

FEDERAL LEASE TO BE TRANSFERRED TO STATE OF UTAH UNDER "UTAH SCHOOLS AND LANDS EXCHANGE ACT OF 1998"

The Utah Schools and Lands Exchange Act of 1998 (Public Law 103-355) was signed by the President of the United States on October 31, 1998, in order to exchange certain federal and state lands and interests.

Oil and gas lease UTU-60078 was issued effective September 1, 1986, for 160.00 acres of land in Emery County. All of the lands in lease UTU-60078 are being transferred to the State of Utah who will administer this lease after the effective date of the patent transferring the lands.

Lands to be transferred to the State of Utah:

T. 16 S., R. 8 E., SLM, Utah
Sec. 27, SE.
Containing 160.00 Acres

The lease contains a shut-in well No. 1-27 located in the SESE Sec. 27 and is therefore held by production. Rentals and/or royalties will be due at the following address:

State of Utah
School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2812

48184

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DIVISION OF
OIL, GAS AND MINING

For further information, please contact Jim Cooper, Assistant Director, Minerals, at (801) 538-5150, School and Institutional Trust Lands Administration.

When the patent has been approved conveying the lands to the State, a follow-up decision will be issued. If you have any questions, you may contact Irene Anderson at (801) 539-4108.

Robert Lopez
Group Leader
Minerals Adjudication Group

cc: Jim Cooper, SITLA
Moab Field Office



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number: Santa Fe Fed 1-27
API Number: 43-015-30095
Operator: Henry A. Alker
Reference Document: Original Sundry Notice dated March 20, 2002,
received by DOGM on March 22, 2002.

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Bottom plug shall be tagged to ensure it is at depth specified in proposal.
3. Annulus shall be cemented from a depth of 200' to the surface modifying Step 3 in proposal.
4. Non-corrosive spacer fluid shall be placed between plugs in accordance with R649-3-24-3.4 and R649-3-24-3.5.
5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.
6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
7. If there are any changes to the plugging procedure or wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

March 28, 2002

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instruction: 7 re-
verse side)

Budget Bureau No. 1001-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|---|--|---|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. ML-48184 |
| 2. NAME OF OPERATOR Henry Alker | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 3. ADDRESS OF OPERATOR PO Box 1656 Roosevelt, Utah 84066 | | 7. UNIT AGREEMENT NAME |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface | | 8. FARM OR LEASE NAME |
| 14. PERMIT NO. 43-015-300895 | | 9. WELL NO. Santa Fe #1-27 |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6850 G.L. | | 10. FIELD AND POOL, OR WILDCAT Huntington Dome |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE 1/4 SE 1/4 Sec 27, T16S R8E |
| | | 12. COUNTY OR PARISH Emery |
| | | 13. STATE UT |

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

| | |
|--|---|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input checked="" type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

SUBSEQUENT REPORT OF:

| | |
|--|--|
| WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input checked="" type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

April 23, 2002

Well was plugged as follows:

Set 300' cement plug (24 sks) from 3156' - 2856' Perfs took cement. Set 462' (35 sks) from 3156' - 2694'. Wait 2 hrs, tag cement at 3064'. Set 462' plug from 3064' - 2602'. Shut down for night.

April 24, 2002

Tag cement at 2633'. Pull tubing out of the hole, could not fill hole with water. Run 3 jts tubing and pump 24 sk plug. Let plug fall to hopefully plug hole in csg. Let set 2 hrs. Pump 15 bbls water and 8 sks MultiSeal and fill hole. Run 10 jts tbg and set cement plug from 306' to surface. Run 1 jt of 1" pipe to 25' down 4 1/2" - 7" annulas. Pipe got stuck. Set annulas plug from 25' to surface. Cut off wellhead and set dry hole marker. Fill pit and reclaim location.

18. I hereby certify that the foregoing is true and correct

SIGNED W. Alker

TITLE Agent

DATE May 13, 2002

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE

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MAY 14 2002

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS AND MINING



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Alker Fed #1-27
Plugging

4/23/02 - 4/24/02

inspected by M.L. Jones

Dry hole marker cemented in place 4/24/02.

